

Evolution and  
Progress of the  
University College of Medicine

[ FROM 1957 TO 1968 ]



BCU  
2803

UNIVERSITY OF CALCUTTA  
1969



Laying of the foundations of the University College of Medicine (Dept. of Basic Medical Sciences)  
at I.I.I., Lower Circular Road, Coimbatore

by

Dr. B. C. Roy, then Chief Minister, West Bengal



263952

## A DECADE OF DEDICATED SERVICE AND MISSION

DR. S. N. SENG, M.A., Ph.D.

VICE-CHANCELLOR

UNIVERSITY OF CALCUTTA

How much unlike art thou,

Mark Antony ;

Yet coming from him, that

Great medicines hath

With his tinct gilded thee.

—(Shakespeare.—Antony & Cleopatra)

### A Peep into the Past

The University of Calcutta, the oldest University in India, was established in 1857 with "Advancement of Learning" as its motto. Since then, it has been creatively engaged in its mission to advance learning in its all aspects and to dedicate itself to enrich the country in all branches of knowledge and learning. The history of medical education conforms to the basic ideals of this great University and its mission of advancement of learning.

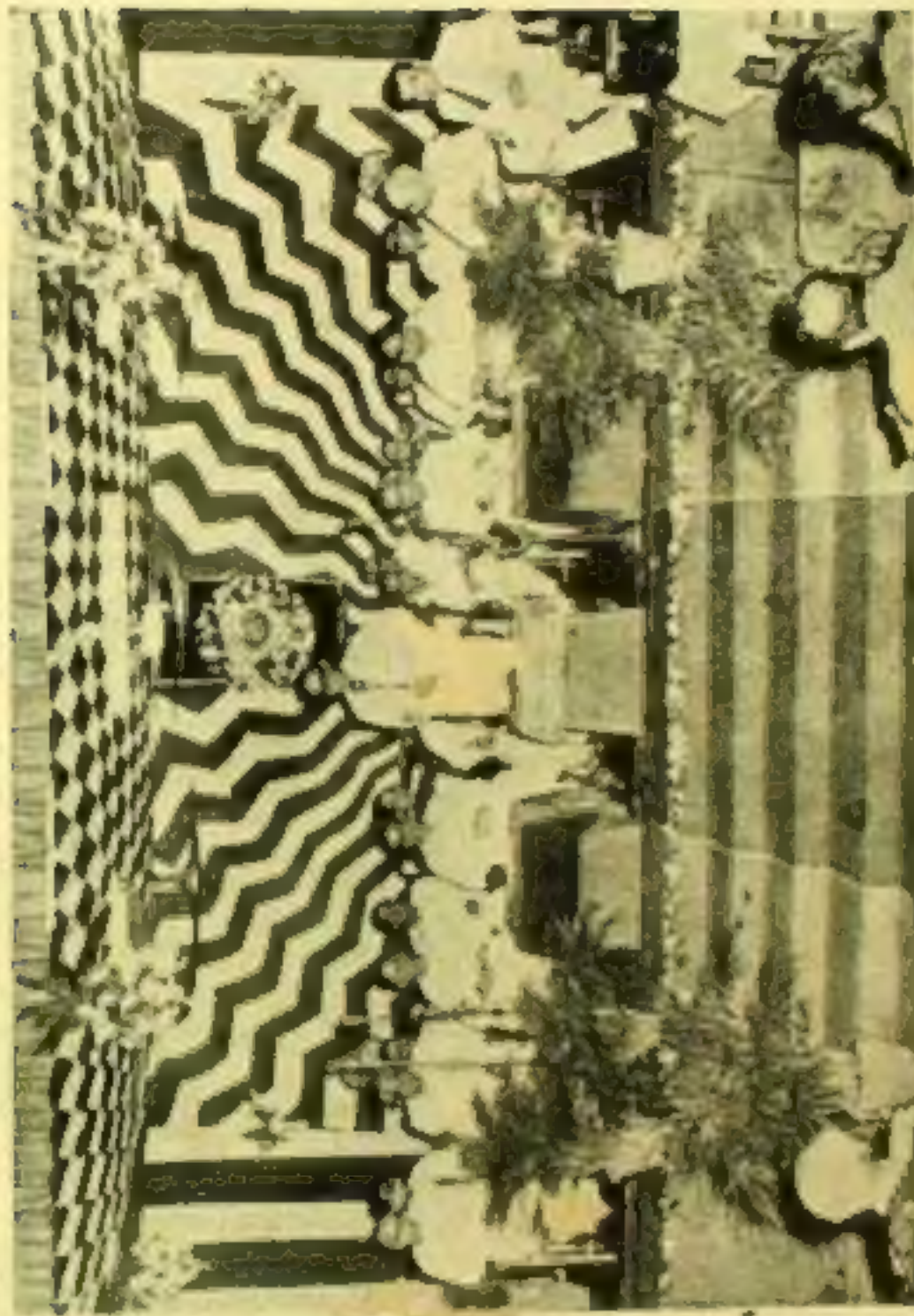
The history of Post-Graduate Medical Education dates as far back as 1886 when regulations regarding the degree of Doctor of Medicine and, subsequently, of Master of Surgery and Master of Obstetrics were adopted by the Calcutta University. Thus this University has also the signal honour to pioneer the medical education in India on a modern and scientific basis. From this humble start a massive organization has now developed through the unstinted efforts and selfless devotion of the great medical thinkers and practitioners. The history of this development is a clear testimony to the great services it has rendered to our country and countrymen. In 1914, Sir Leonard Rogers conceived the idea of establishing medical institutes in India for the purpose of Post-Graduate Studies in Tropical Medicine and Hygiene. It was with this purpose and motive that the Calcutta School of Tropical Medicine and Hygiene was established in 1920 with a healthy combination of teaching and research in Tropical Medicine and Hygiene. In 1932, Dr. W. S. Carter, Associate Director of Rockefeller Foundation, periodically toured India and deeply felt the necessity to establish a separate Institute of Hygiene. It was due to his practical help and support that the present All India Institute of Hygiene and Public Health was established.

The Senate adopted the regulations for the Diploma Courses in Ophthalmic Medicine and Surgery in 1934, in Obstetrics and Gynaecology in 1944 and in Tuberculous Diseases in 1946. The Senate and the Syndicate of the Calcutta University had, by this time, realised the necessity to plan and to give an urgent consideration to the development of medical education on a fully systematic and scientific pattern. It was with this view that in 1944, the Syndicate formed a Sub-Committee to go into the entire question of Post-Graduate Medical Education in this University and to recommend ways and means for its improvement and systematisation. In the same meeting of the Syndicate, it was also decided that the authorities of the two affiliated medical colleges and all other non-affiliated medical institutes should be approached to provide facilities for Post-Graduate work including training for higher studies and research. Pending such provisions, the appointment of Post-Graduate Teachers in Anatomy, Pharmacology, Pathology, Medicine, Surgery and Midwifery were duly considered but the University was unable to provide necessary funds, accommodation, etc. for the purpose and therefore, it had provisionally selected its affiliated medical colleges and hospitals and some other medical institutions to impart Post-Graduate instruction. It also sanctioned a grant of Rs. 10,000 for this purpose. It also appointed a Sub-Committee to consider the proposal to institute a University Post-Graduate Department of Teaching in Medicine on lines similar to those of the University Post-Graduate Departments in Arts and Science.

On 15th June, 1946, the Syndicate created a nucleus fund with Rs. 35,000 for the purpose of development of the Post-Graduate Studies in Medicine. Rs. 10,000 was set apart for the Post-Graduate studies and the Development Committee was requested to chalk out a detailed scheme. On 7th February, 1947, the scheme submitted by this Sub-Committee was placed before the Syndicate, which decided to appoint a Post-Graduate Committee in Medicine to go through the details of the Post-Graduate Medical Education. This Committee was further authorised to have a Finance Committee out of its own members and three Syllabi Committees for Surgery, Midwifery and Medicine. Dr. P. N. Banerjee, the then Vice-Chancellor, Calcutta University, was the Chairman of the Committee. It drew up an elaborate scheme of Post-Graduate Teaching in Medical Sciences. The Scheme was basically in conformity with the other Post-Graduate Departments but with a difference that the plan in Medical Science would be a federal one in order to recognise the entity of the individual medical colleges which would provide or had provided Post-Graduate Teaching and Research in Medical Science or in any of its branches.

The 28th February, 1948, was a great date in the history of Medical Science in this University when the above scheme was finally adopted by the Syndicate and new horizons were opened for Post-Graduate Medical Education in this University. A new chapter XI-A under the caption "Post-Graduate Teaching in Medical Science" was incorporated in the University Regulations. On 22nd April, 1948, these new regulations were approved by the Government and the University immediately took steps to implement them without any delay. Accordingly, in September, 1948, the Syndicate recommended four members to serve on the Council of Post-Graduate Teaching in Medical Sciences and a special Committee, as provided in the regulations, was constituted under the chairmanship of Late Dr. B. C. Roy, the then Chief Minister of West Bengal and a great name in the field of Medicine.





Sri Hanumanthappa Lakshmi, an Chancellor of Calcutta University (the third from the left), Calcutta University  
 and President, Council of the University College of the Indian is standing; the first graduate teachers,  
 students and the guests during the inauguration of the University College of  
 Medicine (Deputy, of Home Medical Sciences) at 114, Lower Circular Road, Cal. - 20.



National Professor S. S. Hsu inaugurating the Institute of Basic Medical Sciences.



This formed the first Council of Post-Graduate Teaching of Medical Sciences in this University. The progress however became slow. By this time there was already a talk to remodel the entire constitution of the Calcutta University, and, therefore, no big step was taken till the University Act of 1951 came into operation. In the meantime, the regulations for the degrees of M.D. (Doctor of Medicine), M.S. (Master of Surgery) and M.O. (Master of Obstetrics) were revised in 1951. The degree of Doctor of Philosophy was also introduced in the field of medical research in 1953 and this introduction helped widen the scope of medical research by medical graduates. This move was commended by all great medical thinkers of the country.

On the 12th March, 1954, the Calcutta University Act of 1951 was put into operation and in the same year Dr. J. C. Ghosh, the then Vice-Chancellor of this University, formed a Co-ordinating Committee for the Post-Graduate Medical Education. The Senate discussed a resolution of Dr. H. K. Chatterjee, Member of the Senate and of the Faculty of Medicine, which urged for an early implementation of the regulations and also to establish a University College of Medicine within the University. The Senate authorised the Vice-Chancellor to form a Working Committee which would visit various Medical Colleges, Hospitals and Research Institutions in the city and submit a report regarding the facilities available for Post-Graduate Research and Teaching in these institutions and also for the teachers to be selected for the purpose and a Secretary to be appointed in this connection. Unfortunately, Dr. J. C. Ghosh left this University and the progress was again slowed down.

### University College of Medicine

A new Chapter was written on the 3rd March, 1956, when the Syndicate considered a proposal of Late Dr. Subodh Mitra, the then Dean of the Faculty of Medicine. Dr. Mitra emphasised the urgency to frame Statutes for making provisions for the University College of Medicine. He in collaboration with Dr. P. K. Banerjee, Member of the Senate, prepared a draft scheme regarding the proposed University College of Medicine, which was later on placed before the Syndicate for consideration. The Syndicate referred this scheme to the Post-Graduate Medical Co-ordination Committee. A conference was held in which members of the Co-ordination Committee and Heads of the different Medical Institutes and distinguished academicians participated and recommended that the Post-Graduate Medical Teaching in Calcutta should be conducted by and under the control of the University College of Medicine. This Committee in the same sitting also approved the proposal regarding formation of a Post-Graduate Council and framed necessary Statutes for the purpose. These Statutes and Ordinances were passed through various Bodies of the University including the University College of Medicine, the Faculty of Medicine, the Syndicate, the Academic Council and were finally approved by the Senate on 10th June, 1956. It got the seal and sanction of the Chancellor on the 15th January, 1957. It is our duty to express our gratitude for the invaluable guidance and support that was given to the University College of Medicine by Late Dr. N. K. Saha, the then Vice-Chancellor. On 18th January, 1957, the University of Calcutta completed its 100 years of existence and celebrated its Centenary. Late Dr. B. C. Roy, the then Chief Minister of West Bengal, inaugurated the





University College of Medicine and within a few months of its inauguration, a Post-Graduate Course in the Basic Medical Sciences was arranged for the medical graduates. Thirty students were admitted in the first year and this bore testimony to the popular demand for this course. A Council of Post-Graduate Teaching in Medical Sciences was constituted with an Executive Committee. The management of the University College of Medicine was under the direct control and authority of this Council. Dr. P. K. Banerjee, Associate Professor of Physiology of the Calcutta National Medical College and a Member of the Senate was appointed to the post of a permanent whole-time Secretary of the Council. Various Post-Graduate Boards of Studies in different subjects in medical sciences were also constituted with teachers in the subjects as members.

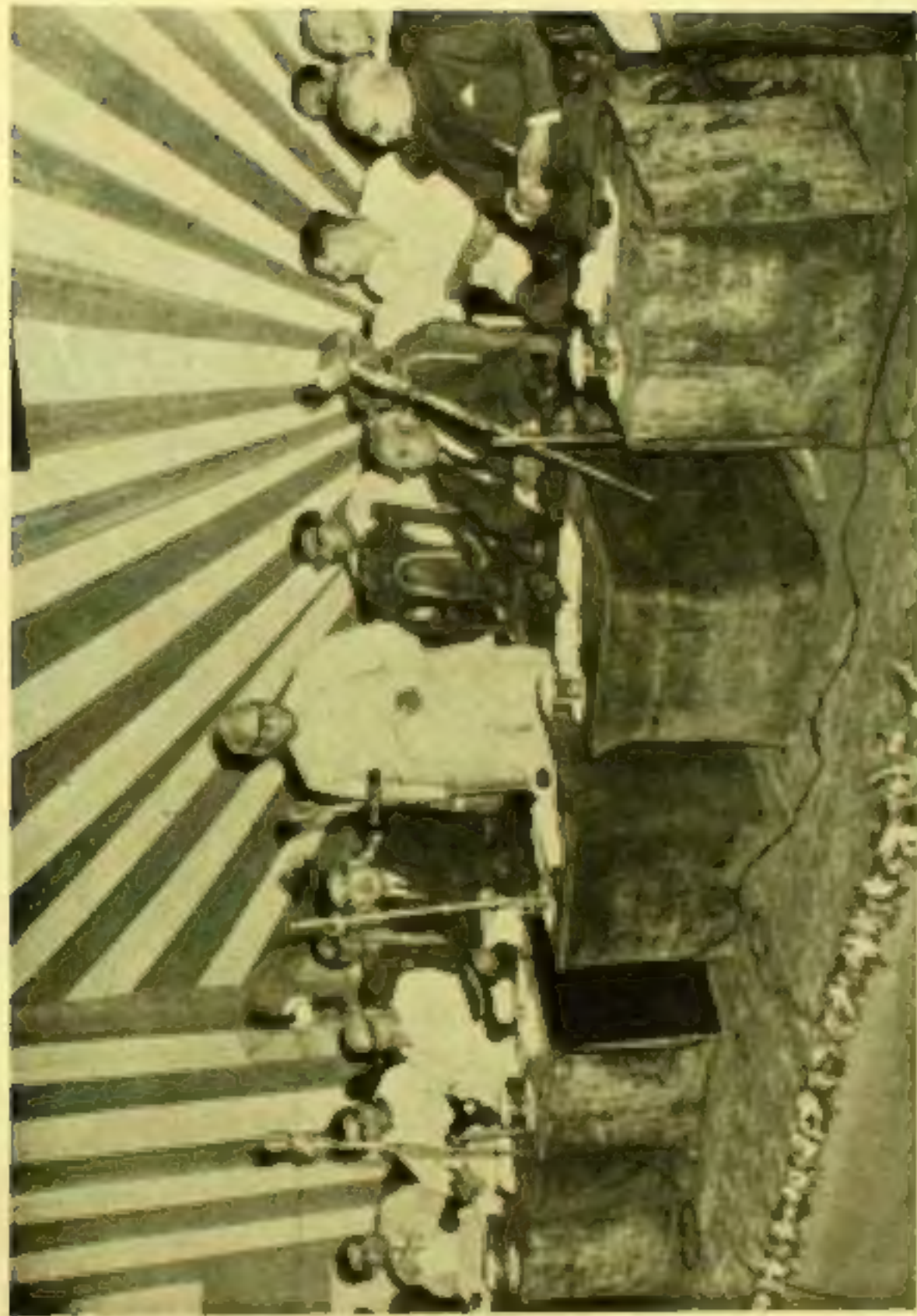
The aims and objectives of the University College of Medicine as accepted are :—

- (1) to provide Post-Graduate Teaching in Basic Medical Sciences ;
- (2) to admit candidates in different Post-Graduate diploma and degree courses and provide them integrated and advanced training ;
- (3) to co-ordinate and promote research work amongst the Post-Graduate teachers and research scholars ;
- (4) to create a cadre of teachers in Basic Medical Sciences and in clinical subjects ;
- (5) to plan and co-ordinate Post-Graduate Teaching and Research with other Universities ; and
- (6) to arrange Post-Graduate Seminar Courses for medical graduates intending to appear in different degree courses.

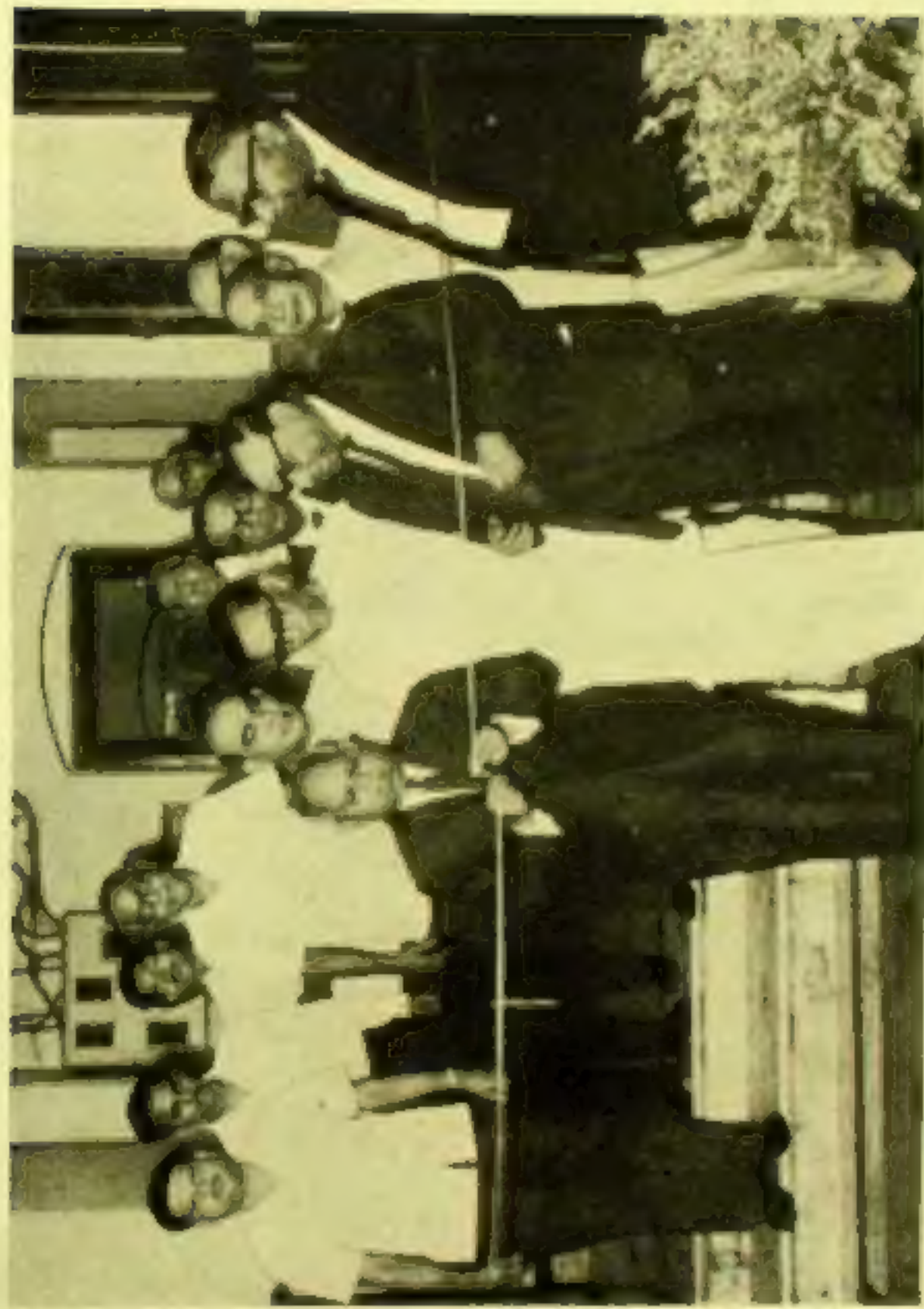
It would not be out of place here to mention certain facts about the University College of Medicine. In the proceedings of the Legislative Assembly held on 6.12.57 Late Dr. B. C. Roy, the then Chief Minister of West Bengal, replied to a question (98) by Dr. Narayanchandra Roy and unequivocally ascertained that "there is only one Post-Graduate Medical College and that is (functioning) under the University". Further, in reply to a supplementary question by Dr. Narayanchandra Roy, who enquired of the Minister about the relationship between the Institute of Post-Graduate Medical Education and Research and the University College of Medicine, Dr. B. C. Roy emphatically stated that they are "part of the same". These observations did wholly preclude any misunderstanding regarding the entity and authority of the University College of Medicine and will, we hope, set at rest all controversies regarding relationship of this College with other Institutes.

In the Second Five-Year Plan, the Planning Commission provided a sum of Rs. 20 lakhs for the improvement of Post-Graduate Medical Education in Bengal. It was the misfortune of the University College of Medicine that it did not receive any amount under this grant and as a result, it financially became anaemic. The University was already facing an economic stringency and could not, therefore, afford to place necessary funds at the disposal of the newly established University College of Medicine. Checks broke into cash when Dr. C. D. Dashmukh, the then Chairman of the University Grants Commission, inspected the





Mr. V. V. Giri, Vice-President of India addressing at the Inauguration of the Gandhi Hospital,  
University College of Medicine.



Opening of Out-pat Department of Glaucoma Hospital by Sir Edmund Vign, the Chancellor of Columbia University  
with some of the members of the Governing Body—Vice-Chancellor, Deans, Faculty of Medicine.

Prof. P. H. Remington, Dr. Samuel Douglas and Sir R. F. Gowers





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President of the Faculty of Medicine  
 School of Medicine, University of Toronto  
 100 St. George Street, Toronto, Ontario  
 Canada

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The Department of Health, Education and Welfare is pleased to announce the availability of a new publication, "The Health of the Nation: A Report on the Status of the Nation's Health." This report is a comprehensive survey of the health of the American people, based on data from the National Health and Medical Examination Survey (NHANES). The report is available in both print and electronic formats. For more information, please contact the Department of Health, Education and Welfare, Office of Public Health and Safety, Washington, D.C. 20461.

On 24 June 1964, the FBI was contacted by a person reporting that a group of men were planning to meet at the West Hotel, Chicago, to discuss the assassination of President Kennedy.

~~1~~ Out-growth Out-uptake Degradation



A view of the working shop at the entrance of the Department of Carpentry, Workshop, I.I.T.



A view of the artificial tank preparing in the workshop of the S. R. A. P. Department of Hydroponics.



- (3) Cardiology Out-patients Department
- (4) Radiology Out-patients Department

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## MANAGEMENT OF THE UNIVERSITY COLLEGE OF MEDICINE

The management of the University College of Medicine is vested in the Council for Post-Graduate Studies in Medicine.

*Chairman:* Dr. Sankardev Choudhury, M.A., LL.D., LL.B., V.C., President.

*Secretary:* Dr. Pratim Kumar Barman, M.Sc., D.Phil., Prof. Virology, Institute of Academic Affairs.

Dr. S. N. Sengupta, M.B., B.S., F.R.C.P. (Edn.), F.R.M.P. (Ind.), F.R.C.S. (Edn.),

Prof. D. Choudhury, D.Sc., F.N.I., Hon. Prof. of Pathology.

Dr. A. K. Das, M.B.B.S., D.Phil., D.T.M. & H. (Ind.), D.P.H., Secretary, Council for Post-Graduate Studies in Medicine.

### Heads of the Post-Graduate Departments

Name	Department
Prof. M. C. Das, M.B., B.S., F.R.C.P. (Edn.), F.R.S. (Indn.)	Anatomy
Prof. P. K. Banerjee, M.Sc., M.B.B.S., D.Phil.	Physiology
Dr. R. K. Dasgupta, M.B.B.S., D.Phil.	Pharmacology
Dr. N. Roy, M.B.B.S., D.Phil.	Pathology (incl. Hyg.)
	Bacteriology
Dr. A. K. Maiti, M.Sc., M.B.B.S., D.Phil.	Immunology
Dr. S. K. Mukherjee, M.B., M.B.S., F.R.C.P. (Edn.), D.T.M. & H. (Indn.)	Genetic Medicine
Dr. D. L. Poddar, M.B., F.R.C.S. (Edn.), F.R.C.O.G.	Gynaecology & Obstetrics
Dr. H. B. Das, M.B., F.R.C.S. (Edn.), D.A. & F.R.C.S. (Engl.)	Anaesthesiology
Dr. A. K. Bhowmik, M.Sc., F.R.C.S. (Edn.), F.A.C.S.	Chest Surgery
Dr. K. S. Bose, M.B., M.S.	Orthopaedics
Dr. N. B. Das, M.B., F.R.C.S. (Edn.)	Diseases of Ear, Nose & Throat
Dr. H. N. Bhowmik, M.B., B.S., F.R.C.P. (Edn.), F.A.D. (I.S.A.)	Dermatology
Dr. C. C. Sengupta, M.B., D.T.M. & H. (Indn.), F.R.C.P. (Edn.) & Genl.	Psychological Medicine
Dr. T. K. Choudhury, M.D., Ch.	Neurology
Dr. P. K. Sengupta, M.B., Ch., M.D. (Bom.), F.D. (Warr.), T.D.D. (Warr.), F.R.C.P. (Indn.)	Forensic of Medicine
Dr. N. K. Maiti, M.B., Ch., D.O.M.S. (Londn.)	Ophthalmology

*Note:* The Heads of the following departments will become members of the Council on their appointment: General Surgery, Radiology & Radiotherapeutics, Cardiology, Child Health, Neuro-Surgery, Plastic Surgery, Tropical Medicine, Experimental Surgery and Cancer Research.





*Five Teachers elected by the Teachers of Constituent and Professional Colleges*

Sri S. C. Bandyopadhyay, M.B.B.S., M.S.  
 Sri N. Basu, M.B.B.S., D.O.M.S., Lond., F.R.C.S., Edin.  
 Sri T. D. Bhattacharya, M.B.B.S., M.S., Calcutta.  
 Dr. B. Raychaudhuri, M.B.B.S., M.D.  
 Dr. R. Sen, M.B., B.S., B.A., Ph.D., F.R.I.P.B.H.

*Five Teachers elected by the Teachers of the University College of Medicine (not being Professors or Heads of the Departments)*

Sri M. Goswami, M.Sc., M.B.B.S.  
 Dr. N. Ray, M.B.B.S., M.D.  
 Dr. B. Sarker, M.B.B.S., M.D. (Agra)  
 Dr. N. K. Mitra, M.B.B.S., D.T.M., D.P.B.M.S., D.C.P., D.Phil.  
 Dr. N. Chakravarty, M.B.B.S., M.S., Med., D.Phil.

*Three persons elected by the Academic Council*

Prof. P. K. Banerjee, M.Sc., M.B.B.S., D.Phil.  
 Sri K. K. Dasgupta, M.B.B.S., M.C.P.(Ch., Lond.)  
 Sri K. K. Ghosh, M.B., F.R.C.S.

*Other Members :*

The Director of Health Services, Government of West Bengal.  
 The Director, School of Tropical Medicine.  
 The Director, All India Institute of Hygiene & Public Health.  
 The Director, Institute of Child Health.  
 The Director, Institute of Post Graduate Medical Education & Research.  
 The Principal, Calcutta Medical College.  
 The Principal, R. G. Kar Medical College.  
 The Professor, Chhatrapati Shahu Maharaj College of Obstetrics, Gynaecology & Child Health.



### Names of the Departments approved by Senate

- 1 Department of Anatomy
- 2 Department of Physiology
- 3 Department of Biochemistry
- 4 Department of Pharmacology
- 5 Department of Pathology including Bacteriology
- 6 Department of General Medicine
- 7 Department of General Surgery
- 8 Department of Obstetrics & Gynaecology
- 9 Department of Radiology & Radiotherapeutics
- 10 Department of Dermatology
- 11 Department of Otorhinology
- 12 Department of Psychological Medicine
- 13 Department of Anaesthesiology
- 14 Department of Venereology
- 15 Department of Diseases of Ear, Nose & Throat
- 16 Department of Ophthalmology
- 17 Department of Orthopaedics
- 18 Department of Cancer Health
- 19 Department of Cancer Research
- 20 Department of Chest Surgery
- 21 Department of Neurology
- 22 Department of Diseases of Chest
- 23 Department of Experimental Surgery
- 24 Department of Neck Surgery
- 25 Department of Plastic Surgery
- 26 Department of Tropical Medicine

### Post Graduate Medical Degree and Diploma Courses Conducted in the University College of Medicine

#### DEGREE COURSES

Name of Course	Duration
M.Sc. in Anatomy	2 Years
M.Tech. in Physiology	Do
M.Tech. in Biochemistry	Do
M.D. in Pathology including Bacteriology	Do
M.D. (General Medicine)	{ Part I—6 months Part II—2 Years
M.S. (General Surgery)	{ Part I—6 months Part II—2 years
M.S. (Obstetrics & Gynaecology)	{ Part I—6 months Part II—2 years
M.D. (Dermatology)	{ Part I—6 months Part II—2 years
M.D. (Psychological Medicine)	{ Part I—6 months Part II—2 years
M.S. (Anaesthesiology)	{ Part I—6 months Part II—2 years
M.S. (Orthopaedics)	{ Part I—6 months Part II—2 years
M.Sc. (Med.) in Anatomy	2 years
M.Sc. (Med.) in Physiology	Do
M.Sc. (Med.) in Pharmacology	Do
M.Sc. (Med.) in Pathology including Bacteriology	Do

## DIPLOMA COURSES

Dip B M S	1 year
D M R D	{ Part I—6 months Part II—1 year 6 months other
D M R T	{ Part I—6 months Part II—1 year 6 months
D. Dermat.	1 year
Dip. Card.	1 year
D.P.M.	{ Part I—1 year Part II—1 year
D.L.O.	{ Part I—6 months Part II—1 year
D.A.	{ Part I—6 months Part II—6 months
D.V.	1 year
D.O. M.B.	{ Part I—1 year Part II—1 year

In addition to the above-mentioned courses the University College of Medicine also conducts a special Lecture Seminar Course in report research for the purpose of preparing for appearing in M.D., M.S. and M.O. Examinations under and subject to the number of students admitted each year is shown below.

	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63
M.D.	33	16	7	6	6	4
M.S.	21	8	14	12	10	16
M.O.	22	13	7	16	4	2
	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
M.D.	3	3	4	3	3	—
M.B.	11	24	16	22	15	10
M.O.	2	3	1	3	7	3

Besides these prescribed courses research works for admission to the degree of D.Phil. (Med.) in Anatomy, Physiology, Pharmacology, Pathology and Biochemistry as well as D.Phil. Science, in Physiology are also conducted.

*N.B.—M.Sc. Courses in Basic Medical Sciences are open to non-medical science graduates suitably qualified for the same.*



# HEADS OF THE POST GRADUATE DEPARTMENTS OF THE UNIVERSITY COLLEGE OF MEDICINE

Prof. M. L. Pan, M.B., L.R.C.P., F.R.C.R. — Anatomy

Dr. P. K. [unclear] M.S., M.D., [unclear]

Dr. S. [unclear] M.B., B.S., [unclear]

Dr. A. K. [unclear] M.S., M.D., [unclear]

Dr. N. B. [unclear] M.B., B.S., [unclear]

Dr. B. N. [unclear] M.B., B.S., [unclear] F.R.C.S. (Ed.) — Dermatology

and Venereology

Dr. P. K. [unclear] M.B., B.S., M.D., [unclear] F.R.C.P.

F.N.I. — Diseases of Chest

Dr. C. [unclear] M.S., M.D., [unclear] F.R.C.P.

Medicine

Dr. A. K. [unclear] M.S., [unclear] F.R.C.P.

Dr. N. B. [unclear] M.B., B.S., [unclear] F.R.C.P.

Dr. S. [unclear] M.B., B.S., [unclear] F.R.C.P.

Dr. D. [unclear] M.B., B.S., [unclear] F.R.C.P.

Dr. N. [unclear] M.B., B.S., [unclear] F.R.C.P.

Dr. H. [unclear] M.B., B.S., [unclear] F.R.C.P. — Anaesthetics

tory

Dr. T. K. Ghosh, M.D. (Cal.) — Neurology

Dr. K. [unclear] M.B., B.S., [unclear]



## THE DEPARTMENTS

### A Short Review of Teaching Staff, Curriculum, Research and other Activities

The inauguration of the University College of Medical Sciences was marked by the inauguration of the University College of Medical Sciences in 1953. The inauguration was held by the Dr. B. C. Roy. This inauguration was a historic event in the history of medical education in West Bengal. One of the main objectives of the inauguration was the introduction of a systematised and integrated course. The Medical Sciences Course was the first of its kind in the University of Calcutta. The inauguration of the University College of Medical Sciences was the first time. During the inauguration of the Basic Medical Sciences Course, the late Dr. N. K. Saha, a very right and able leader in the field of medical education and research in the following language:—

The inauguration of the Basic Medical Sciences Course in our University College of Medical Sciences is a landmark in the history of medical education in the University. Physiology and Anatomy, and to some extent even Pharmacology have so far been the mainstays of our Medical Course. A few of our students have initiated studies to discover those branches of the medical sciences to be postgraduate research work in time. I should not attempt to speak of research in the field of physiology and anatomy of the profession. The time has come when we have to ask the basic Medical Sciences instructors to develop a new and varied training for those who want to devote themselves to a career of teaching and research. This is a work which is being inaugurated as the first step in this direction, but for the advancement of research the University has to depend on the Government for the support of personnel and finance. With a firm medical education as the chief motive of our work we are confident of being able to secure this support and look forward to the future with hope and faith.

For imparting teaching and integrating research activities in the different branches of Basic Medical Sciences, the University authority approved creation of five departments, viz. Anatomy, Physiology, Biochemistry & Biochemistry, Pathology, Bacteriology & Medical Zoology, Pharmacology and Experimental Surgery at the initial stage. But because of extreme poverty of accommodation at the outset the University had no other alternative than to start with by federating various medical colleges and aided institutions at various sites with a view to coordinating higher studies and research.

These departments were allowed to function as such till the building of the Institute of Basic Medical Sciences could be constructed at 244 B, Acharya Jagadish Chandra Bose Road, Calcutta 20, with the financial and technical help of U. G. and Government in 1960. As the accommodation problem for the departments of Basic Medical Sciences Course was solved to a certain extent at the construction of the Institute, these departments could be centralised in a single Institute.

In the meantime various departments of the clinical subjects were also started. All these clinical departments continued to grow and function by way of federating some of the Medical Institutions of Calcutta. Only recently however it has been made possible to



located many of the Clinical Departments viz. Orthopaedics, Radiology, Dermatology, Anaesthesiology, Cardiology etc. in the newly opened Jawahar Hospital University College of Medicine at 145 Mckarran Bazar Street, Coimbatore. It is a pleasure to state that while the first part of teaching and research activities in the Department of Basic Medical Sciences was carried out by our former and part-time teachers, the on-going work in the above subjects is now being carried out by our newly appointed Basic Science Departments and extra-mural teacher. Besides these departments, the research work in the out-patient works for the out-patient clinics is often supported by the participation with services of UGC teachers and members of Armed Forces Commission on request. A short description to indicate the general progress of the different departments is appended below.

### Department of Anatomy

This department was started in 1941 at Jawahar Medical College. Dr H. K. Chatterjee M.B., B.A., B.S. was one of the extra-mural teachers in the subject at that time. He was appointed Head of the Department and its inception on 13<sup>th</sup> and March, 1941. In April, 1940, University Council appointed 4 time whole-time Readers—Dr H. K. Chatterjee, M.B., B.A., B.S., Paris and Dr F. R. Day, B.Sc., M.B.B.S., Ph.D., St. Andrews. Dr Chatterjee continued to act as Head of the Department also. At the same time Dr N. Ganesan, M.B., B.S., joined the Department as a part-time lecturer to whom just he is still continuing. In 1942, three posts of whole-time lecturers were created under the patronage and financial grant of UGC and State Government. In the same year Dr N. C. Chakrabarti, M.B.B.S., M.Sc. (Med.), D.M., joined the department as one of its whole-time lecturers. In 1943, two posts having been filled up by the appointment of Dr A. K. Das, M.B., B.S., M.Sc. (Med.) and Dr M. M. Maheshwari, M.B.B.S., M.Sc. (Med.) in 1943. On 11.12.64 Dr H. K. Chatterjee retired as Head of the Department but continued to render services as UGC teacher in Anatomy. Following Dr Chatterjee's retirement Dr F. R. Day, B.Sc., M.B.B.S., Ph.D. (St. Andrews) Reader took over the charge as Head of the Department and continued as such till Dr M. L. Pan, M.B., B.S., L.R.C.P. (Lond.), M.R.C.S. (Eng.), F.R.C.S. (Edin.) was appointed the Centenary Professor and Head of the Department in 1967. This department is at present steadily progressing under the guidance of Dr Pan.



View of a portion of the building at the University of Chicago, showing the main building and the tower.

### Present Teaching Staff

#### University Teachers :

Prof M L Pan. MB, LRCP, FRCS	Professor and Head of the Dept.
Dr P R Roy BSc, MBBS, PhD (St Andrews)	Reader
Dr N C Chakravorty MBBS, MSc (Med), D Phil. (Med)	Lecturer
Dr M M Mukherjee MBBS, MSc (Med)	Lecturer
Dr A K Datta MBBS, MSc (Med)	Lecturer
Dr N Goswami MBBS, PhD	Part-time Lecturer
Dr M Bose, MSc., D Phil	Teachers of University College of Science.
Sr G S Roy, MSc	
Sri A Banerjee, MSc.	

#### Extra-mural Teachers

Dr P Bose, MB, DTM
Dr B C Laha, MBBS, PhD
Dr U C Chakravorty, MB (Cal), FRCS (Eng)
Dr B. Mukherjee, MBBS, MS
Dr A C Mukherjee MB, DTM, MSc (Cal)

#### U. G. C. Teacher.

Dr H. K. Chatterjee, MB., D A B. (Paris)
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## 1 Teaching of M 5 (Anatomy Course in Anatomy)

**Հանրամատչելի**

An object of the form `Matrix{N,M,T}` is a `N`-by-`M` matrix of elements of type `T`.  
 All the elements have the same type, and the dimensions are constant. For  
 example, `Matrix{2,3,Float64}` is a 2-by-3 matrix of floating point numbers.  
 The dimensionality of the matrix is `ndims()`.  
 The number of rows is `size(m,1)` and the number of columns is `size(m,2)`.  
 The elements are stored in row-major order.

**Respiratory system :**

The thermocage Mechanism of regulation. There is a negative feedback and branch of the hypothalamic activity (Fig. 1). The hypothalamic component of the thermocage mechanism is the only part of the system that can be directly influenced by the external environment. The thermocage mechanism is a part of the thermoregulatory system. The thermocage mechanism is a part of the thermoregulatory system. The thermocage mechanism is a part of the thermoregulatory system.

Cardio-vascular system.

Heart is a hollow muscular organ that develops as an outgrowth of the early foregut pouch called the pharynx. The heart is a tubular organ lying between the lungs. It is composed of two parts: the right and left heart. The right heart is the part of the heart that receives blood from the body and pumps it to the lungs. The left heart is the part of the heart that receives blood from the lungs and pumps it to the body.

### Digestive systems

[illegible]

1. *Journal of the American Medical Association*, 1914, 23: 101.

[illegible]

### Integumentary system

Fractures and development of the skin    ~~Development of the skin~~    Histology of skin  
and    ~~the epidermis~~    ~~Vascular supply of the skin~~    ~~the epidermis~~

Artikler afsluttet

The mechanical work of knee joint and ankle joint is calculated as follows: At the end of the foot deformation, the pelvic joint and knee joint are

**Endocrine system:**

The thermal and photothermal stability of the polymers was

**Special section**

The above results are obtained by using the following lemma.

**Network systems :**

Nervous system general anatomy and physiology. The nervous system is a complex system that controls and coordinates the body's functions. It consists of the brain, spinal cord, and peripheral nerves. The brain is the central control center, and the spinal cord is the main communication pathway between the brain and the rest of the body. The peripheral nerves are responsible for carrying signals between the central nervous system and the rest of the body. The nervous system is divided into the central nervous system (CNS) and the peripheral nervous system (PNS). The CNS includes the brain and spinal cord, while the PNS includes all other nerves. The nervous system is responsible for a wide range of functions, including sensory perception, motor control, and regulation of internal organs. It is a highly complex and integrated system that is essential for the survival and well-being of the body.

**Regional Anatomy :**

[illegible]

**Abstract** A network of

Abstracts of the studies are given at the bottom of each page.

**General histology :**

The cell—its structure, composition, function and reproduction. H. J. Cantow, Jr. In 1994. Histology of human tissues and organs.

Practical classes were held 10:30 a.m. to 1 p.m. on 10/13/94 and 10/14/94.

(2) M.D. (General Medicine) Part I; M.S. (General Surgery) Part I & M.S. (Obstetrics & Gynaecology) Part I

[illegible]

Subjects taught for M.D. (General Medicine) Part I: M.S. (General Surgery) Part I & II (Obstetrics & Gynaecology) Part I course

## M.D. GENERAL MEDICINE FIRST COURSE

## Subjects:

Gross anatomy of major blood vessels

Kidney and development, structure and renal circulation

Liver, gall bladder and portal vein with applied importance

Coronellum

Coronarium

Afferent system—afferent pathways

Splanchnic cord and innervation

Intestinal mesenteric system and associated space (S. F. C.)

The respiratory system—primary importance of heart

General anatomy of the heart with special reference to structure and wall and

Pericardium and anchorage of heart

Structure of the heart

Structure of the heart—of heart and vessels of the heart

Circulatory system of the heart

Circulatory system—importance of heart

Anatomical anatomy of the heart

Pyramidal and extra-pyramidal system

Lower motor neurons

Upper motor neurons of nervous system

Autonomic nervous system including hypothalamus

Classes of surface markings

Histology

Ureters—urethra—Mechanism of micturition congenital anomalies applied importance with special reference to a reference of urine

Demonstration and Physiological Diagrams and illustrations by the Head of the Department

## M.S. GENERAL SURGERY FIRST COURSE

## Subjects:

Thoracic cage—principles underlying the formation—muscles and mechanism of respiration

Trachea—Mediastinum

Pleura and pleural cavities—Applied importance

Oral cavity—palate—tongue and floor of the mouth

Trachea—Respiratory tree

Segmental anatomy of lung—Applied importance

Pneumonia—Congenital anomalies

Nervous system and congenital anomalies

Bowel wall

Tuberculosis—diaphragm

Intestinal circulation of alimentary system

Kidney—its development and structure and renal circulation

Liver, gall bladder, pancreas with applied importance



- Splinal nerves and peripheral nerve plexus  
 Affluent system—Affluent pathways  
 Spinal cord and ganglia  
 Intracranial meninges, ventricles and cerebrospinal fluid (C.S.F.)  
 General consideration of C.S.F. Fluid with special reference to its composition and its normal blood sugar and albumin contents—its functions and applied importance  
 Vertebral column—osteology  
 Nervous system and congenital anomalies of Nervous system  
 Lymphatics of abdomen and pelvis  
 Pyramidal and extra pyramidal system  
 Lower motor neurone  
 Blood vessels of nervous system  
 Autonomic nervous system: sympathetic division  
 Stomach, duodenum  
 Pancreas, spleen, appendix  
 Pelvic floor, its wall and pelvic diaphragm  
 Reproductive systems of male and female with reference to testes, epididymis, vas deferens and vas deferens  
 External genitalia in male and female with special reference to penis and clitoris, urethra, Bartholin's gland  
 Uterus and its appendages, vagina—Congenital anomalies and anomalies of development  
 Uterine bladder and urethra—Mechanism of Micturition—Congenital anomalies  
 Appendix—importance with special reference to inflammation of appendix  
 Demonstration and Practical Programmes will be arranged by the Head of the Department.

#### M.A. OBSTETRICS & GYNAECOLOGY PART I (COURSE)

##### Subjects

- Fertilisation and the fertilised ovum—Subsequent changes in the ovum—Implantation and pregnancy  
 Placenta and umbilical cord—development, types and anomalies  
 Changes in the fertilised ovum—formation of neurulation and development of embryo  
 Development of different organs of reproductive system in female and their anomalies  
 Gross anatomy of uterus—its appendages—blood supply and lymphatic drainage  
 Gross Anatomy of Vagina, Vagena and Ovary—blood supply and lymphatic drainage  
 Perimetrium and parametrium  
 Perine part of female genital with special reference to its development and its clinical importance  
 Breast—its lymphatic drainage and its development and its clinical importance  
 General consideration of C.S.F. Fluid with special reference to its composition and its normal blood sugar and albumin contents—its functions and applied importance  
 Histology  
 Pelvic wall, pelvic floor and pelvic diaphragm  
 Uterus—its appendages, vagina—congenital anomalies and anomalies of development  
 Anatomy of prolapso of uterus  
 Uterine function—mechanism of micturition—congenital anomalies—importance with special reference to inflammation of uterus  
 Demonstration and Practical programmes will be arranged by the Head of the Department.

### 1 Teaching of M Sc Medical in Anatomy and Diploma Courses in Basic Medical Sciences

[illegible]

in the different clinical diploma courses.

**Research 5 homes**

- 1 Evolution of the Nervous system in the Vertebrates
- 2 Angiography in the New born
- 3 Congenital anomalies in the New born
- 4 Anthropometry in Clinical Practice
- 5 Evolution of the lungs in the vertebrates

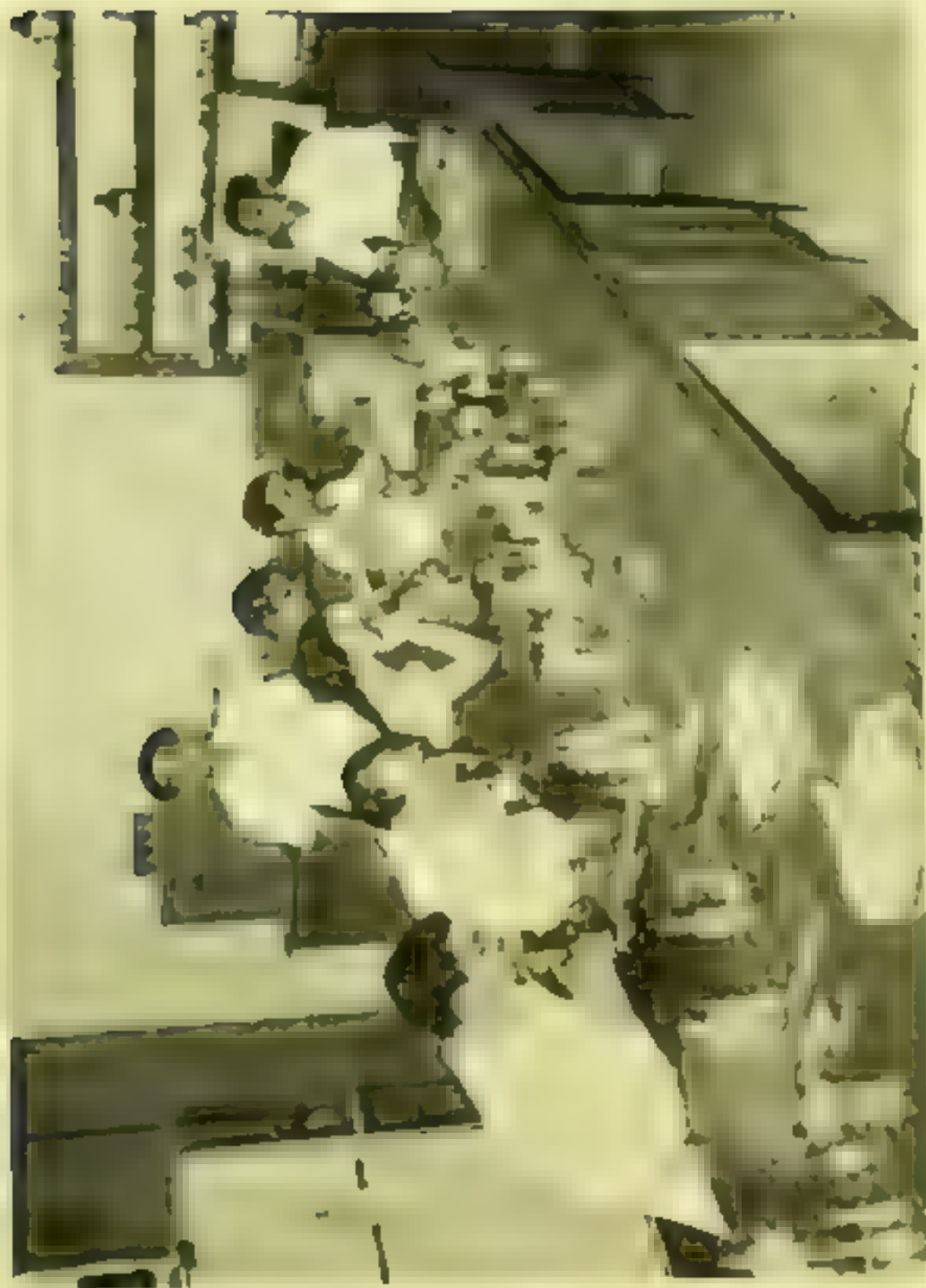
### 3.2.2.2. *Complexity of the Service System*

1995/96 season

1. The system of the

## Department of Physiology

[illegible]



Case	$\alpha$	$\beta$	$\gamma$	$\delta$	$\epsilon$	$\zeta$	$\eta$	$\theta$	$\iota$	$\kappa$	$\lambda$	$\mu$	$\nu$	$\xi$	$\omicron$	$\pi$	$\rho$	$\sigma$	$\tau$	$\upsilon$	$\phi$	$\chi$	$\psi$	$\omega$	
1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
2	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
3	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
4	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
5	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
6	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
7	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
8	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
9	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
10	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5



Department is at present steadily progressing under the supervision of Prof. Banerjee. In February 1969, Dr. S. Mukherjee, B.Sc., M.B.B.S., M.R.C.P., D.Phil., Ph.D. has been appointed part-time lecturer.

### Present Teaching Staff

#### University Teachers

Prof. P. K. Banerjee, M.Sc., M.B.B.S., D.Phil.	Professor and Head of the Dept.
Dr. A. K. Majumdar, M.Sc., M.B.B.S., D.Phil.	Lecturer
Dr. M. G. Swamin, M.Sc., M.B.B.S.	Lecturer
Dr. B. Dutta, M.B.B.S., D.Phil., D.Sc.	Lecturer
Dr. A. Ghoshal, M.B.B.S., M.Sc. (Med.)	Lecturer
Dr. S. Mukherjee, B.Sc., M.B.B.S., M.R.C.P., D.Phil., Ph.D.	Lecturer
Dr. S. B. Mitra, M.Sc. (Cal.), D.Phil. (Cal.)	Teachers of the University College of Science.
Dr. C. Datta, M.Sc., D.Phil.	
Dr. J. J. Ghosh, M.Sc., D.Phil.	
Dr. A. Ghosh, M.B.B.S., M.Sc. (Med.)	Lecturer (Recruited from the Dept. of Biochemistry, U.C.M.).

#### External Teachers

Dr. H. Saha, M.B. (Cal.), D.Phil. (Lond.)
Dr. N. Ghosal, M.Sc., M.B.B.S.
Dr. K. L. Mukherjee, M.B.B.S., D.Phil., Ph.D. (Wiscn.)
Dr. B. Das, M.Sc., M.B.B.S., D.Phil.
Dr. A. Sarker, M.B.B.S., R.C.P. & R.S. (Lond.), F.R.C.S. (Edn.)
Dr. B. Chakraborty, M.Sc., M.B.B.S., D.Phil., M.D. (Lond.)
Dr. P. C. Rahard, M.Sc., M.B.B.S., Ph.D.

#### U O U Teacher.

Dr. B. K. Paul, D.Sc., M.B., M.R.C.P., F.R.S.E. (A.S.), F.N.I.

### 1. Teaching of M.D. (Physiology) Course in Physiology

#### Subjects taught

General	<p>Perspectives in Physiology, Biochemistry and Biophysics</p> <p>History of Neurophysiology, Cardiovascular Physiology</p> <p>Biochemistry</p> <p>History of the knowledge on Respiratory Physiology</p> <p>Electrophysiology and its relation to modern physiology</p> <p>Physicochemical phenomena in biological processes</p>
Nervous system & Behavioural Physiology	<p>Units of nervous system, perception, synapses, reflex</p> <p>Excitability, conductance, transmission of nerve impulse</p> <p>Electrical activity of nervous system</p> <p>Sensory receptors and pain</p> <p>Cerebellum, postural reflexes</p> <p>Spinal cord: excitatory and inhibitory state</p>

### Subjects taught

Diencephalon, neocortex, thalamic and spinal preparations  
 Conditioned reflexes, learning, motivation, non-motivated sleep, waking, experimental neurosis, memory and behaviour disorders  
 Motor formation, limbic system, cerebral cortex and emotional behaviour  
 Psychosomatic and somato-physiological problems  
 Clinical application of the central nervous system  
 Basal ganglia and Hypothalamus  
 Electrical activity of the cerebral cortex: electroencephalography  
 Motor formation of the nervous system  
 Autonomic nervous system and its correlation with the central nervous system  
 Origin, course and distribution of sympathetic and parasympathetic systems  
 Spinal parasympathetic and axon reflex

### Heart & Cardiovascular Physiology

Physiology of heart: contraction and metabolism of cardiac muscle  
 Action of electrolytes and drugs on cardiac muscle  
 General electrophysiology of heart  
 Electrocardiogram  
 Barometer of cardiac muscle  
 Cardiac enzymes  
 Control and function of the heart  
 Blood pressure homeostasis  
 Coronary circulation  
 Pulmonary circulation  
 Physiological adjustments during shock

### Hematology

Blood coagulation: mechanism, errors and signs  
 Blood transfusion and blood grouping  
 Haemodynamics: blood volume and blood flow

### Respiratory Physiology

Disengagement of respiratory function  
 Lung function tests  
 Regulation of respiration  
 Anoxia, Asphyxia  
 Gaseous interchanges  $O_2$  &  $CO_2$  therapy

### Alimentary System

Mechanics of alimentary canal: alimentary digestion, secretion of juices, absorption  
 Liver function tests: physiology of bile

### Biochemistry & Metabolism

Scope of biochemical studies in health and disease  
 Blood chemistry and significance in the study of the diseases  
 Enzymes  
 Metabolism of fat, protein, nucleoprotein and carbohydrate

### Subjects taught

	<p>Trace metabolism B.M.R. Nutritional factors—color, cholesterol and lipoproteins Nutrition of the experimental animal—vitamin, B.M.R. Vitamins</p>
Endocrinology	<p>Endocrine functions—comparison to nervous activity Effects of endocrine organs on growth and metabolism Adrenal cortical secretion—hormones—chemistry and metabolism Function of Adrenal Cortex: Hyper and Hypo- thyroidism of adrenal cortex—Adrenocortical disease Adrenocortical Neuroendocrine—Adrenal and body with experimental basis Pituitary—physiology and endocrinology Thyroid and thyroid Thyroid Hormones—synthesis, metabolism &amp; functions Oestrogen and progesterone metabolism</p>
Skin	Physiology, Histology and Biophysics of skin
Kidney	Kidney function tests
Special Senses	
Ear	<p>Physiology of external, middle and internal ear Mechanism of hearing Equilibrium of the ear</p>
Eye	Physiology of eye
Taste	Structure of Tongue, Papillae and taste buds. Taste Path—Physiology of Taste sensation
Nose	Structure of olfactory mucous membrane. Physiology of olfaction. Olfactory path
Biophysics & Electrophysiology	<p>Electrophysiology and its role in modern physiology Electrophysiological studies of striated and smooth muscle. Biophysical events of the cell membrane. Radioactive isotopes and reactions Use of isotopes in the physiological investigation Physiology of work at low level Physiology of muscular contraction Physiology of bone.</p>
Following semester courses for the practical methodology were arranged and they the practical demonstration	

Biophysics  
 Experimental Physiology  
 Neurophysiology  
 Electrophysiology  
 Endocrinology  
 Histology and histochemistry  
 Biomechanics  
 Analysis of foodstuffs  
 Electrophoresis

**Subjects taught****Haematology Blood grouping**

Clinical and laboratory diagnosis of heart per  
fusion diseases and pathology

Practical classes were held throughout the year as per syllabus prescribed

**2. M.D. General Medicine Part I, M.S. General Surgery Part I & M.S. Obstetrics & Gynaecology Part I**

In the revised regulation for M.D. General Medicine, M.S. General Surgery & M.S. Obstetrics & Gynaecology, the subjects are two parts. The part I is the teaching of applied Anatomy, Applied Physiology, Applied Pathology & Applied Pharmacology and the Part II is the teaching of clinical subjects. The part I subjects were of a general nature and the part II subjects were of a clinical nature.

Subjects taught in M.D. General Medicine Part I, M.S. General Surgery Part I & M.S. Obstetrics & Gynaecology Part I are as follows:

**M.D. GENERAL MEDICINE PART I COURSE**

**Subjects**

Physiology of the human body and its functions  
Blood - Blood groups, blood typing, blood transfusion  
Blood - Blood chemistry, blood diseases, blood coagulation, blood clotting, blood clotting factors, blood clotting time, etc.  
Blood - Blood chemistry and its significance in the study of the disease  
Blood - Blood chemistry  
Blood - Blood chemistry, blood coagulation, blood clotting, blood clotting factors, blood clotting time, etc.  
Blood - Blood chemistry, blood coagulation, blood clotting, blood clotting factors, blood clotting time, etc.  
Blood - Blood chemistry, blood coagulation, blood clotting, blood clotting factors, blood clotting time, etc.

**References**

Blood pressure regulation & vascular reflexes  
Shock physiology, hypotension and resuscitation  
Respiration - I Regulation of respiration, Asphyxia and Anaphylaxis  
Respiration - II Respiration, respiration, CO<sub>2</sub> & O<sub>2</sub> therapy  
Pulmonary function tests, respiratory disorders and their treatment  
Circulation, coronary artery disease, portal and capillary  
Kidney and secretion of urine  
Sweat and Temperature regulation  
Renal function tests  
Significance of biochemical studies in health and disease  
Enzymes - Properties, characteristics and mode of action  
Carbohydrate metabolism  
Lipid metabolism  
Protein metabolism  
Nucleic acid metabolism  
Bone Growth and Calcium metabolism  
Digestive system, Digestion, Mechanism, fractional test meal  
Functions of liver and gall bladder and over function tests  
Diagnosis & management in diabetes mellitus  
Water electrolyte metabolism  
Vitamins in health and disease









A view of the interior of the school building, showing the classroom and the teacher's desk.



(4) Teaching & Physiology & Pharmacology in the different clinical diploma courses

**Following Research Scheme**

1. Studies on the effect of ... on the ...
2. Effect of ... on the ...
3. Effect of ... on the ...
4. Studies on the ...
5. Studies on ...
6. Comparative physiology of ...
7. Comparative studies of ...

**Department of Biochemistry**

The department of Biochemistry was started in ... of the University of Calicut. Dr. ... was the first head of the department. Dr. ... was the first head of the department. Dr. ... was the first head of the department.

Following Research Schemes have been started in the department of Biochemistry in the recent years in a ...

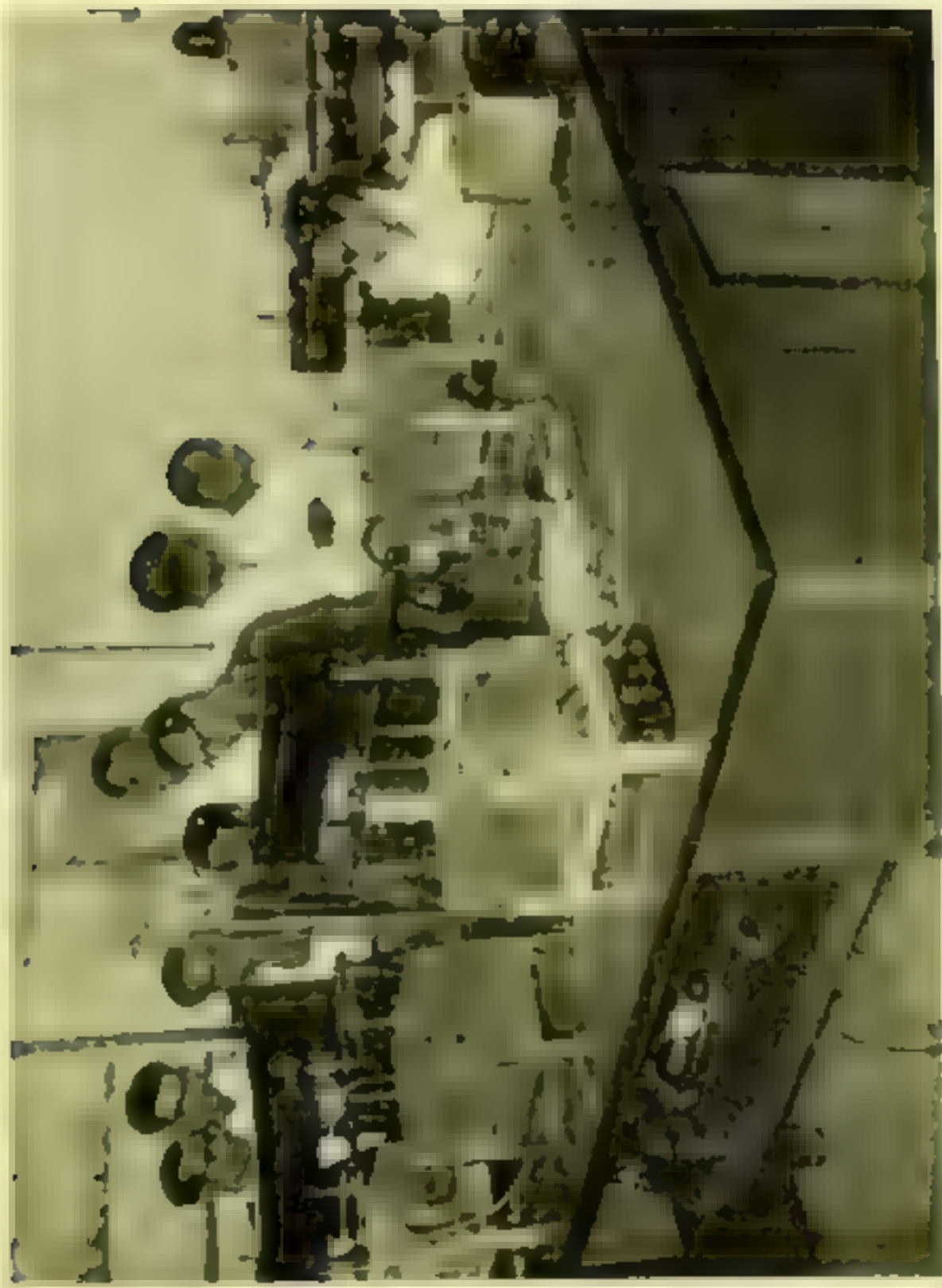
1. Neurophysiological studies of the parasympathetic system and its role in the regulation of the autonomic system.
2. Pharmacological studies of ...
3. Studies on the homeostasis of blood sugar in diabetes.
4. Physiological studies of ...
5. Pharmacological studies with ...
6. Effect of ... on the ...
7. Analysis of ...
8. Analysis of ...
9. Homeostasis of ...
10. The ...

**Department of Pharmacology**

The department was started in ... Dr. B. B. Roy M.B. was the first head of the department. Dr. S. R. Dasgupta M.B. was the first head of the department. Dr. S. R. Dasgupta M.B. was the first head of the department.







A view of the interior of the building, showing the main hall and the staircase.

## General Pharmacology Metabolism

Pharmacokinetics: Absorption, Distribution, Excretion

Pharmacodynamics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

## Antibiotics & Chemotherapy

### Mucosinases

### Mechanism of Action of Agents Taking part in Anaphylaxis

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

### Kidney

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

## SUBJECTS FOR SEMINAR CLASSES

Antihypertensive drugs

Anticancer drugs

Diuretics and other hypoglycemic agents

Cardiac drugs

Cardiovascular drugs

Dehydration in peptic ulcer

Pharmacokinetics of drugs

Cardiovascular drugs and its response to Pharmacokinetics

Antihypertensive drugs

Cytotoxic drugs

Drugs used in treatment of the thyroid gland

Peripheral Nervous system: The Autonomic system

Hypertension and Antihypertensive drugs

Pharmacokinetics of drugs

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Psychopharmacology: The Central nervous system

Psychopharmacology

Pharmacokinetics: Pharmacokinetics: Pharmacokinetics

Drug-induced reactions

Use of drugs as experimental tools in biological research

Standardization of drugs and the use of statistics in pharmacology

Mechanism of drug action

Lipotropic agents







## II. Pharmacological studies on stems

1. Studies on the effect of *Stemona tuberosa* on the peripheral nervous system
2. Studies on the effect of *Stemona tuberosa* on the central nervous system

## III. Studies on the pharmacological action of the stem of *Stemona tuberosa*

1. Effect of *Stemona tuberosa* on the
  - (a) central nervous system
  - (b) peripheral nervous system
  - (c) respiratory system
  - (d) histological
2. Effect of *Stemona tuberosa* on the
  - (a) peripheral nervous system
  - (b) central nervous system
  - (c) respiratory system
  - (d) histological

## IV. Studies on the action of *Stemona tuberosa* on the central nervous system

1. Studies on the action of *Stemona tuberosa* on the central nervous system
  - (a) Studies on the action of *Stemona tuberosa* on the central nervous system

## V. Studies on Anticholinergics:

- (a) Anticholinergic and anticholinergic activity of *Stemona tuberosa*
- (b) Histological action of *Stemona tuberosa* on the central nervous system

## VI. Studies on Indigenous Drugs:

### A. Studies on *Aloe Perfoliata*:

Studies on the pharmacological action of *Aloe Perfoliata* on the central nervous system

### B. Studies on *Stemona tuberosa*:

- (a) Effect of *Stemona tuberosa* on the central nervous system
- (b) Effect of *Stemona tuberosa* on the peripheral nervous system
- (c) Effect of *Stemona tuberosa* on the respiratory system
- (d) Effect of *Stemona tuberosa* on the histological

### C. Studies on *Stemona tuberosa* on the central nervous system

- (a) central nervous system
- (b) peripheral nervous system
- (c) respiratory system
- (d) histological

### D. Studies on the effect of extract of *Stemona tuberosa* on experimentally induced gastric ulcer

### E. Studies on the effect of extract of *Stemona tuberosa* on the blood sugar level of animal

## VII. Studies on the anticholinergic activity of an extract of animal or plant origin

- (a) Extracts and their effect on the active principle
- (b) Studies on the effect of extract of *Stemona tuberosa* on the central nervous system

## VIII. A comparative study of the effect of fresh and dried *Stemona tuberosa*



A view of the Librarian of the University of the Pacific, and the Librarian of the University of the Pacific, and the Librarian of the University of the Pacific.

100

- X Study on the mechanism of potentiation of Acetylcholine induced contraction of skeletal muscle by neostigmine

## XI. Clinical Pharmacology

- (a) Pharmacology of Hexamethylenetetrazine in man  
(b) Effect of Diazepam in various states of sleep

## Department of Pathology including Bacteriology

The Department of Pathology Bacteriology and Microbiology was set up in 1902. The first professor was Dr. R. L. Tripathi M.B.B.S. D.Phil. F.R.C.P. F.N.I. After his death in 1914 extra-mural teachers of bacteriology were appointed. Dr. P. C. Chatterjee M.B.B.S. D.Phil. F.R.C.P. F.N.I. was appointed in 1915. In 1916 the Department was located at Calcutta University. In 1921 Dr. P. C. Chatterjee was appointed Head of the Department. In 1922 Dr. A. K. Ghosh M.B.B.S. D.Phil. F.R.C.P. F.N.I. was appointed whole-time Reader and Head of the Department. In 1923 from the session 1902-03, a slight increase in the number of students was effected. In 1924 Dr. P. C. Chatterjee was appointed Head of the Department. In 1925 Dr. P. C. Chatterjee was appointed a part-time lecturer in bacteriology and pathology, rendering his services to the department in the same capacity. Subsequently Dr. N. Roy M.B.B.S. D.Phil. joined the department as a part-time lecturer while Dr. P. C. Chatterjee M.B.B.S. D.T.M. & H. M.D. F.R.C.P. F.N.I. Dr. N. Roy M.B.B.S. D.T.M. & H. Dr. B. S. D. P. F.R.C.P. F.N.I. continued to give lectures in the year 1925. At the end of the session 1925 Dr. N. Roy M.B.B.S. D.Phil. F.R.C.P. F.N.I. was appointed Head of the Department and Dr. P. C. Chatterjee after a few months.

## Present Teaching staff

### University Teachers :

Dr. N. Roy M.B.B.S. D.Phil. F.R.C.P. F.N.I.	Head of the Department
Dr. P. C. Chatterjee M.B.B.S. M.D. D.T.M. & H.	Lecturer
Dr. N. K. Maiti M.B.B.S. D.T.M. Dr. B. S. D. P. F.R.C.P. F.N.I.	Lecturer
Dr. R. Datta Choudhury B.Sc. M.B.B.S. M.C. Path.	Part-time Lecturer (Chem)

### Extra-mural Teachers

Dr. A. C. Ghosh M.B.B.S. Ph.D. D.Bact.
Dr. S. N. Das M.B.B.S. D.T.M. Ph.D. D.Sc. Path.
Dr. K. C. Banerjee M.B.B.S. D.Phil. F.R.C.P. F.N.I.
Dr. J. K. Sarkar M.B.B.S. D.Phil. F.R.C.P. F.N.I.
Dr. D. N. Sengupta M.B.B.S. Ph.D. D.Bact. Ind.
Dr. J. B. Chatterjee M.B.B.S. Ph.D. M.D. F.R.C.P. F.N.I.
Dr. S. K. Banerjee M.B.B.S. Ph.D. D.Bact.
Dr. A. Ghosh M.B.B.S. M.D. D.T.M.
Dr. K. L. Mukherjee M.B.B.S. D.Phil. Ph.D. (Wash.)



## (1) Teaching of M.D. Pathology Course in Pathology including Bacteriology

*Subjects taught*

## GENERAL PATHOLOGY

Pathogenesis and clinical correlation of  
 Systemic Pathology - vascular diseases  
 Cholelithiasis  
 Diabetes mellitus  
 Tuberculosis - mycobacterium tuberculosis  
 Amyloidosis  
 Endocrine system - thyroid gland, parathyroid gland  
 Immune system - humoral and cellular immunity  
 Hematology - anemia, leukemias, lymphomas  
 Clinical immunology  
 Clinical microbiology  
 Infectious diseases - bacterial, viral, fungal, parasitic  
 Transplantation and tissue typing

## SPECIAL PATHOLOGY

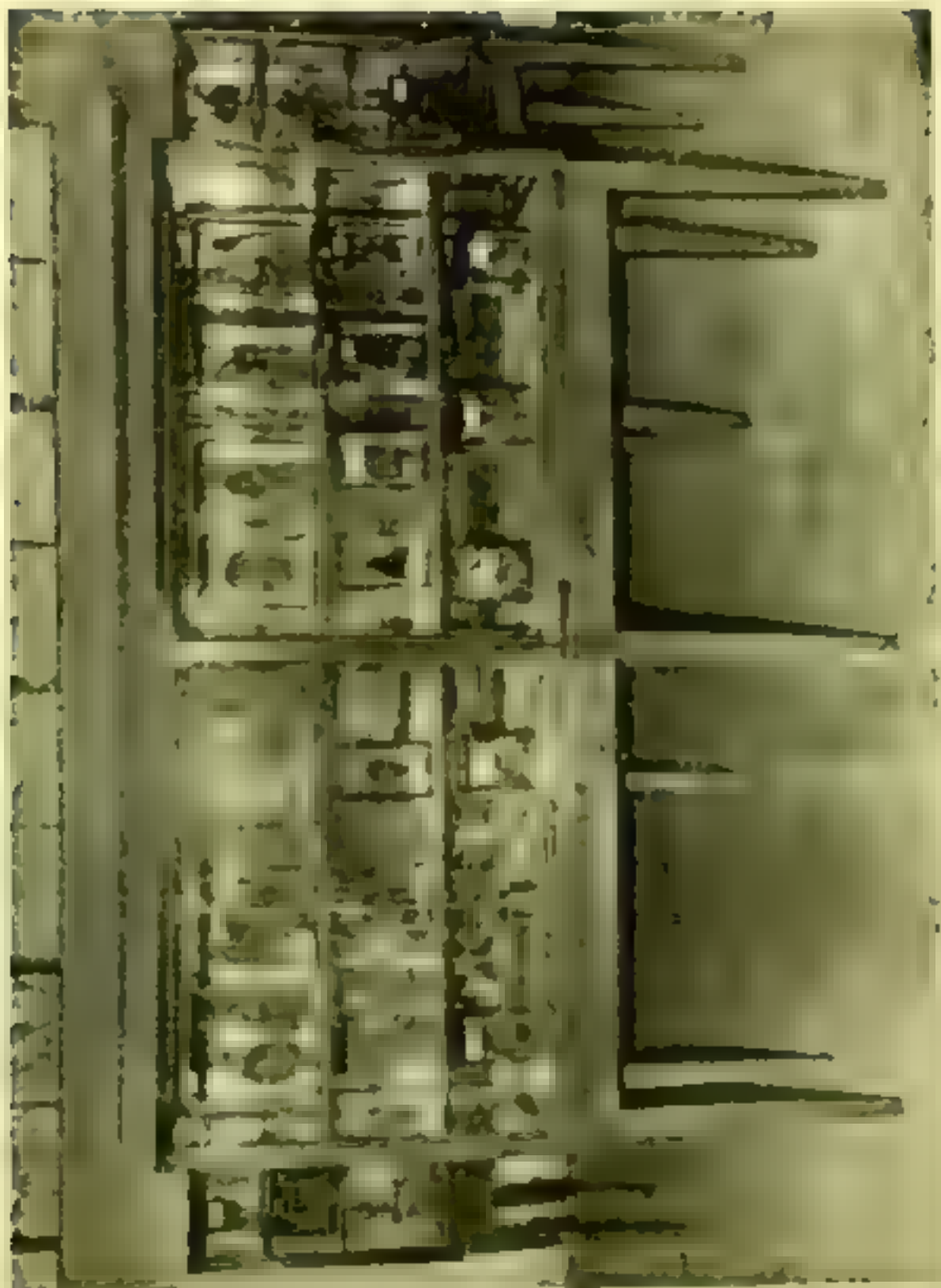
Atherosclerosis  
 Multiple myeloma Syndrome  
 Myeloma  
 Myeloid leukemia  
 Cystic fibrosis - lungs  
 Cirrhosis of liver  
 Pathogenesis of rheumatoid arthritis  
 Hepatic failure  
 Acute renal failure  
 Hypertension  
 Proteinuria  
 Pathogenesis of the new born  
 Neonatal jaundice

## HEMATOLOGY

Hemophagocytosis  
 Anemias  
 Leukopenia and leukocytosis - leukemias  
 Hemolytic anemia and transfusion  
 Myeloperoxidase and anti-pathogens and heparin

## HISTOPATHOLOGY

Histological studies and stains of  
 Hematology  
 Gynecological pathology



## BACTERIOLOGY, MICROBIOLOGY AND VIROLOGY

Immunity and hypersensitivity  
 Mechanism of bacterial resistance to antibiotics  
 Tissue reaction to viral infection  
 Generalisation of bacterial metabolism  
 Sporobacterial infection in man—its development and diagnosis  
 Laboratory diagnosis of virus diseases  
 Bacteriophage  
 Bacterial variation  
 Bacterial morphology  
 Staphylococci  
 Mycobacteria  
 Proteus group of organisms  
 Study of unknown Bacteria  
 Coryne Bacteria  
 Bacillus  
 Physical and Chemical properties of Virus  
 Virus Host cell interaction  
 Diagnostic procedure in viral diseases  
 Myxovirus and Adenovirus  
 Rotavirus  
 Arthropod-borne Virus  
 Poly group of Virus  
 Rabies  
 Egg and Mouse—a diagnostic tool in Virology  
 Haemagglutination test and tissue culture

## BIOCHEMISTRY

Introduction—Scope of clinical biochemistry  
 Factors affecting interpretation of biochemical findings  
 Laboratory methods  
 Beer's Law  
 Photo-electric colorimeter  
 Spectrophotometer and their uses  
 Titration  
 Standard acid and alkali solution  
 Acid base buffers  
 Acid Base balance—its regulation  
 Electrolytes  
 Dehydration  
 Fluid replacement  
 Use of logarithms  
 pH of a buffer  
 Plasma  $O_2$  and  $CO_2$   
 Plasma chlorides  
 Urea chlorides  
 Indications of metabolism  
 Tests for phenyl ketonuria  
 Test for glycosuria  
 Tests for Haemoglobinopathies  
 Carbohydrate metabolism  
 Test for blood sugar, urine sugar and acetone  
 Protein metabolism  
 Serum protein fraction  
 Serum and urine creatine and creatinine

**Fluid metabolism**

Electrolyte balance, water, electrolytes, glucose, urea, creatinine, etc.

**Mineral metabolism**

Calcium, phosphorus, iron, copper, zinc, etc.

Calcium, phosphorus and iron metabolism

Calcium, phosphorus, etc.

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Calcium, phosphorus and iron metabolism

Practical work was held in the Pathology, Histology, Surgery, Medicine, etc. departments.

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**M.D. General Medicine Part I, M.S. General Surgery Part I, & M.B. Obstetrics & Gynaecology Part I**

The course of study for the M.D. General Medicine, M.S. General Surgery, & M.B. Obstetrics & Gynaecology Part I is as follows. The part I includes teaching in Applied Anatomy, Applied Physiology, Applied Pharmacology & Applied Pathology, including the following subjects: *anatomy, physiology, pharmacology, pathology, surgery & obstetrics*.

The course of study for the M.D. General Medicine Part I, M.S. General Surgery Part I & M.B. (Obstetrics & Gynaecology) Part I is as follows.

**M.D. (GENERAL MEDICINE) PART I COURSE**

**Subjects**

Introduction I

Introduction II

Physiology and anatomy

History

Shock & Haemorrhage

General Principles of Treatment

Wound Healing

Viral Infections I

Viral Infections II

Bacterial Infections I Antimicrobials

Infections

Constitutional & Systemic Disorders

Infectious Diseases

Pigmentation, the skin, jaundice

Anaemia

Haemorrhage & thrombosis

Blood grouping and Blood transfusion

Vascular disorders

Tissue metabolism

Function tests—renal, liver, adrenal, thyroid & Pancreas.

General consideration on tumours	
Effect of Ionising radiation	
Chromosomal abnormalities and genetic disorders	I
do	II
Cardiac and respiratory failure	
Sterilisation	
Study of Bacteria—I	
do	II
Anaemia	—I
do	—II
Serology	
Clinical Pathology	
Heart Disease—I	
do	II
Diseases of Kidney	
Diseases of Lung	
Diseases of Liver	
Diseases of G. I. tract	
Leukemias	
Diabetes	

Demonstration and Practical Programme will be arranged by the Head of the Department

### III. GENERAL SURGERY PART I COURSE

#### Subjects

Inflammation—I	
do	II
Degeneration and necrosis	
Healing	
Shock & Haemorrhage	
General Properties of bacteria	
Wound infection	
Virus infection—I	
do	II
Bacteri sensitivity to Antibiotics	
Immunity	
Connective tissue & its disorders	
Pathological calcification	
Pigmentation including jaundice	
Anaemias	
Haemorrhagic disorders	
Blood grouping and Blood transfusion	
Vascular disorders	
Tissue grafting	
Function tests—renal liver, adrenal, thyroid & Pancreas	
General consideration on tumours	
Effect of Ionising radiation	
Chromosomal abnormalities and genetic disorders—I	
do	II
Cardiac and respiratory failure	
Sterilisation	
Study of Bacteria—I	
do	II
Anaemias	—I
do	—II
Serology	
Clinical Pathology	



Inflammatory diseases of different systems I  
do II

Tumours of different systems I  
do II  
do III  
do IV  
do V  
do VI

Demonstration and Practical Programme will be arranged by the Head of the Department

M.S. DEPARTMENT OF MEDICINE AND SURGERY

#### Subjects

Inflammation I  
do II  
Degeneration and necrosis  
Healing  
Shock & Haemorrhage  
Exposure Protection of the wound  
Wound infection  
Vaginitis I  
do II  
Pharyngitis, tonsillitis & Adenitis  
Laryngitis  
Tracheitis & Bronchitis  
Pneumonia  
Empyema  
Tuberculosis including pulmonary  
Abscess  
Haemoptysis  
Pleurisy  
Pericarditis and blood transfusion  
Aneurysm  
Tumours  
Excretory tract: liver, kidney, bladder & Prostate  
Genital tract: gonorrhoea, syphilis  
Ectasy of internal organs  
Chronic diseases of internal organs and general disorders I  
do II  
Cancer and respiratory for the  
Microbiology  
Study of Bacteria I  
do II  
Acid-fast I  
do II  
Mycology  
Clinical Pathology  
Inflammatory diseases of the female genital tract I  
do II  
Endometrium & functional disorders  
Vaginal cytology & bacterial vaginosis  
Tumours of the female genital system I  
do II  
do III  
do IV

Demonstration and Practical Programme will be arranged by the Head of the Department

(3) Teaching of M.Sc. (Medical) in Pathology including Bacteriology and Diploma Course in Basic Medical Sciences were held throughout the year. Lectures, Seminars,

Both the theoretical and Practical classes were held as per a lecture programme. Both the theory teachers and demonstrators lectured at the Department and a portion of the teaching programme.

(b) Teaching of Pathology including Bacteriology was done independently for the Part I Bachelors of Medicine in a special session.

Both were treated as separate subjects and the Department is now a part of the curriculum to those conducted by the respective departments.

1. Histology of vertebrate groups (1st year) and (2nd year)
2. Cytological studies of human specimens (1st year) and (2nd year)
3. Experimental studies on the effects of stress on the endocrine and exocrine glands
4. Studies on variations of pathology (1st year) and (2nd year)

### Department of General Medicine

Dr. J. C. Banerjee, M.B.B.S., F.R.C.P., took over the charge as Head of the Department after its formation in 1960. He passed M.D. (Med.) from the University of London. Dr. S. K. Mukherjee, M.B.B.S., F.R.C.P., from the University of London, was appointed Honorary Head of the Department. He retired from the post in 1975. At present Dr. S. K. Mukherjee, M.B.B.S., F.R.C.P., D.T.M. & H. has been working as Head of the Department.

### Present Teaching Staff

#### University Teacher

Dr. S. K. Mukherjee, M.B.B.S., D.T.M. & H., M.R.C.P., Head of the Department

#### Subsidiary Teachers

- Dr. B. Dutta, M.B., M.D., M.A.  
 Dr. A. H. Mukherjee, M.D., M.D., M.R.C.P. (Lond.)  
 Dr. G. R. Saha, M.B., M.R.C.P. (Lond.) & F.R.C.P.  
 Dr. N. R. Kumar, M.D. (Cal.), M.R.C.P. (Lond.)  
 Dr. K. D. Chatterjee, M.D. (Cal.)  
 Dr. B. C. Chatterjee, M.D. (Cal.), M.R.C.P. (Lond.), M.D. (F.R.C.P. (Lond.))  
 Dr. J. R. Chatterjee, M.B., M.R.C.P. (Lond.)  
 Dr. J. C. Saha, M.D., M.D. (Lond.)  
 Dr. P. N. Bhattacharya, M.Sc., M.D., Cal., F.R.C.P.  
 Dr. D. M. Chakravarty, M.B.B.S., D.T.M., M.R.C.P.  
 Dr. H. S. Chakravarty, M.D., M.D. (Cal.)  
 Dr. S. K. Bhowmik, M.B., D.T.M. (Cal.), D.T.M. (Lond.), M.R.C.P. (Lond.)  
 Dr. S. N. Chakrabarti, M.D. (Cal.)  
 Dr. S. Bhattacharya, M.D.  
 Dr. A. Bhattacharya, M.D.  
 Dr. S. Saha, M.D., M.R.C.P.  
 Dr. J. B. Chatterjee, M.B.B.S. (Cal.), M.D. (Cal.) & F.R.C.P. (On request)  
 Dr. R. N. Chatterjee, M.D. (Cal.) (On request)  
 Dr. M. K. Chatterjee, M.D. (Cal.), M.R.C.P. (Lond.) (On request)  
 Dr. M. M. Banerjee, M.B. (Cal.), D.T.M. (Cal.) (On request)  
 Dr. K. Bhowmik, M.D., D.T.M. (Cal.), F.R.C.P. (Lond.) (On request)  
 Major S. Bhowmik, M.B. (Cal.), D.T.M. (Lond.) (On request)

Postgraduate Lectures and Seminars classes for the students intending to qualify for M.D. were held each year.

### Structure of the Cardiovascular system :-

1. **Polynomial**     2. **Monomial**     3. **Binomial**     4. **Trinomial**     5. **Quadrinomial**     6. **Quintinomial**     7. **Sextinomial**     8. **Septinomial**     9. **Octoninomial**     10. **Noninomial**     11. **Decinomial**     12. **Undecinomial**     13. **Dodecinomial**     14. **Tridecinomial**     15. **Tetradecinomial**     16. **Pentadecinomial**     17. **Hexadecinomial**     18. **Heptadecinomial**     19. **Octadecinomial**     20. **Enneadecinomial**     21. **Arithmetical**     22. **Geometrical**     23. **Algebraical**     24. **Calculus**     25. **Differential**     26. **Integral**     27. **Partial**     28. **Total**     29. **Partial**     30. **Total**     31. **Partial**     32. **Total**     33. **Partial**     34. **Total**     35. **Partial**     36. **Total**     37. **Partial**     38. **Total**     39. **Partial**     40. **Total**     41. **Partial**     42. **Total**     43. **Partial**     44. **Total**     45. **Partial**     46. **Total**     47. **Partial**     48. **Total**     49. **Partial**     50. **Total**     51. **Partial**     52. **Total**     53. **Partial**     54. **Total**     55. **Partial**     56. **Total**     57. **Partial**     58. **Total**     59. **Partial**     60. **Total**     61. **Partial**     62. **Total**     63. **Partial**     64. **Total**     65. **Partial**     66. **Total**     67. **Partial**     68. **Total**     69. **Partial**     70. **Total**     71. **Partial**     72. **Total**     73. **Partial**     74. **Total**     75. **Partial**     76. **Total**     77. **Partial**     78. **Total**     79. **Partial**     80. **Total**     81. **Partial**     82. **Total**     83. **Partial**     84. **Total**     85. **Partial**     86. **Total**     87. **Partial**     88. **Total**     89. **Partial**     90. **Total**     91. **Partial**     92. **Total**     93. **Partial**     94. **Total**     95. **Partial**     96. **Total**     97. **Partial**     98. **Total**     99. **Partial**     100. **Total**

Disorders of the Respiratory system: 1. Chronic bronchitis 2. Asthma 3. Emphysema 4. Pneumonia 5. Pulmonary tuberculosis 6. Pulmonary embolism 7. Pulmonary hypertension 8. Pulmonary edema 9. Pulmonary fibrosis 10. Pulmonary cancer 11. Pulmonary sarcoidosis 12. Pulmonary vasculitis 13. Pulmonary lymphoma 14. Pulmonary metastasis 15. Pulmonary abscess 16. Pulmonary hydatid cyst 17. Pulmonary schistosomiasis 18. Pulmonary toxoplasmosis 19. Pulmonary cryptosporidiosis 20. Pulmonary coccidioidomycosis 21. Pulmonary histoplasmosis 22. Pulmonary blastomycosis 23. Pulmonary paragonimiasis 24. Pulmonary echinococcosis 25. Pulmonary toxocariasis 26. Pulmonary strongyloidiasis 27. Pulmonary trichinosis 28. Pulmonary leishmaniasis 29. Pulmonary bartonellosis 30. Pulmonary bartonellosis 31. Pulmonary bartonellosis 32. Pulmonary bartonellosis 33. Pulmonary bartonellosis 34. Pulmonary bartonellosis 35. Pulmonary bartonellosis 36. Pulmonary bartonellosis 37. Pulmonary bartonellosis 38. Pulmonary bartonellosis 39. Pulmonary bartonellosis 40. Pulmonary bartonellosis 41. Pulmonary bartonellosis 42. Pulmonary bartonellosis 43. Pulmonary bartonellosis 44. Pulmonary bartonellosis 45. Pulmonary bartonellosis 46. Pulmonary bartonellosis 47. Pulmonary bartonellosis 48. Pulmonary bartonellosis 49. Pulmonary bartonellosis 50. Pulmonary bartonellosis 51. Pulmonary bartonellosis 52. Pulmonary bartonellosis 53. Pulmonary bartonellosis 54. Pulmonary bartonellosis 55. Pulmonary bartonellosis 56. Pulmonary bartonellosis 57. Pulmonary bartonellosis 58. Pulmonary bartonellosis 59. Pulmonary bartonellosis 60. Pulmonary bartonellosis 61. Pulmonary bartonellosis 62. Pulmonary bartonellosis 63. Pulmonary bartonellosis 64. Pulmonary bartonellosis 65. Pulmonary bartonellosis 66. Pulmonary bartonellosis 67. Pulmonary bartonellosis 68. Pulmonary bartonellosis 69. Pulmonary bartonellosis 70. Pulmonary bartonellosis 71. Pulmonary bartonellosis 72. Pulmonary bartonellosis 73. Pulmonary bartonellosis 74. Pulmonary bartonellosis 75. Pulmonary bartonellosis 76. Pulmonary bartonellosis 77. Pulmonary bartonellosis 78. Pulmonary bartonellosis 79. Pulmonary bartonellosis 80. Pulmonary bartonellosis 81. Pulmonary bartonellosis 82. Pulmonary bartonellosis 83. Pulmonary bartonellosis 84. Pulmonary bartonellosis 85. Pulmonary bartonellosis 86. Pulmonary bartonellosis 87. Pulmonary bartonellosis 88. Pulmonary bartonellosis 89. Pulmonary bartonellosis 90. Pulmonary bartonellosis 91. Pulmonary bartonellosis 92. Pulmonary bartonellosis 93. Pulmonary bartonellosis 94. Pulmonary bartonellosis 95. Pulmonary bartonellosis 96. Pulmonary bartonellosis 97. Pulmonary bartonellosis 98. Pulmonary bartonellosis 99. Pulmonary bartonellosis 100. Pulmonary bartonellosis

Number of the Survey	Number of the Survey	Number of the Survey	Number of the Survey
1	2	3	4

Deanna H. et al. - *Journal of the American Academy of Child and Adolescent Psychiatry* 41:11 (1999)

1. The first part of the paper is devoted to a review of the literature on the topic.

Department of General Surgery

**Present Teaching Staff**

## Head of the D part as of General Morgan Va 411

De K K (empty) MB FRCN (Eng)  
De A L (empty) MB MN (Cal) FRCN (Latin)  
De S M (empty) MB FRCN (Eng)  
De A K (empty) MB MN (Cal) FRCN (Eng)  
De A K (empty) MB MN (Cal) FRCN (Eng)  
De M N (empty) MB (Cal) FRCN (Eng)  
De A K (empty) MB MN FRCN (empty) FRCN FRCN  
De M (empty) MB (Cal) FRCN (Eng)  
De B (empty) MN (Cal) FRCN (Cal) FRCN (Cal)  
De M (empty) MB FRCN (Eng)  
De A K M (empty) MB MN (Cal)  
De M M (empty) MN FRCN (Eng & Latin)  
De S K (empty) MB MN FRCN (Eng)  
De B N (empty) MB (Cal) MN (Cal)

Dr. B. G. ... M.D. ... Z.B.C. (Lett. A. Eng. D. D.)

Dr. E. C. Cooper, M.D., D.C.M., 1001 Tenth St. (East), Chicago, Ill.





[illegible]

**surgery, Surgical management.**

Vacuum Furnace and Porcupine. The Vacuum furnace is a new and valuable instrument for the study of high temperature phenomena. It is used for the study of the properties of materials at high temperatures. The Porcupine is a new and valuable instrument for the study of the properties of materials at high temperatures. It is used for the study of the properties of materials at high temperatures.

In the more than 100 cases of *Chlamydia* infection, the symptoms were long and short cases.

**Research Scheme**

Study of problems of sterility :—

## Department of Radiology and Radiotherapeutics

[illegible]

### Present Teaching Staff

## University Teachers:

Downloaded from <http://ajphaphapublications.sagepub.com/> at Maastricht University on September 11, 2014

Dr P M T Roy	MR J C	FRS
Dr P B Roy	MR J C	FRS
Dr N C Roy	MR J C	FRS
Dr A K Roy	MR J C	FRS
Dr M M Roy	MR J C	FRS
Dr N C Roy	MR J C	FRS
Dr F C Roy	MR J C	FRS
Dr N K Roy	MR J C	FRS
Dr N C Roy	MR J C	FRS
Dr R D Roy	MR J C	FRS

Est. 1934

Dr N M B. <sup>100</sup> M R 1 D M R  
Dr S B. <sup>100</sup> M R D M R D 1 P & S F  
M<sub>6</sub> S B. <sup>100</sup> M R 1 D M R L

Teaching of the Diploma Course in Medical Radiology Diagnostic and Diploma Course  
in Medical Radiology Therapeutic Part I, DMRD DMR T Part I,

1.  $\Delta$  3.  $\Delta$  4.  $\Delta$  5.  $\Delta$  6.  $\Delta$  7.  $\Delta$  8.  $\Delta$  9.  $\Delta$  10.  $\Delta$

[illegible]

Pathology in relation to causation



**Physics :**  
Physics as applied to Medical Radiology

**Organ and Radiographic Anatomy**

- Respiratory and Digestive Systems
- Urinary System
- Nervous System, Nervous System and its functions
- Endocrine System
- Digestive System

### Teaching of Diploma in Medical Radiology Diagnostic Part II

#### Subjects taught

- Diagnostic X-ray
- The quality of the X-ray beam and its effect on the image and on the patient
- them
- Radiographic technique of the chest, abdomen, pelvis, spine, skull, and joints
- Principles and methods of radiography of the chest, abdomen, pelvis, spine, skull, and joints
- Radiology of common diseases
- Respiratory system, Urinary system, Digestive system, Nervous system
- Heart and Circulation
- Eye, Ear, Nose, Throat, Teeth, Skin, and Soft Tissues
- Obstetric and Gynaecology
- Practical work in accordance with the syllabus of Part II of the diploma as prescribed by the Council

### Teaching of Diploma in Medical Radiology Therapeutics Part II

#### Subjects taught

- Applied Physics in Radiology
- Introduction of the subject of Medical Radiology
- Radiation and its effects on matter and living organisms
- Radiation therapy and its effects on living organisms
- Production of X-rays and its uses in medicine
- Measurement of radiation dose
- Physical principles of radiation therapy and its uses in medicine
- Radiation therapy in the treatment of various diseases of the respiratory, gastro-intestinal tract and skin
- Radiation therapy for various types of cancer and its uses in medicine
- Radio-physics, pharmacology and toxicology of various types of radiation
- Radiation therapy in the treatment of various diseases of the respiratory, gastro-intestinal tract and skin
- Radio-physics, pharmacology and toxicology of various types of radiation
- Radiotherapy with various types of radiation
- Use of radiation in the treatment of various diseases
- Radiation therapy in the treatment of various diseases
- General principles of radiation therapy and its uses in medicine
- Hormones and Chemotherapy in the treatment of various diseases
- Radiation therapy in the treatment of various diseases
- Radiation therapy in the treatment of various diseases
- Practical work in accordance with the syllabus of Part II of the diploma as prescribed by the Council

### Department of Dermatology

The department has been functioning since the first session 1977-78 under the guidance of Prof. B. N. Banerjee, M.D., D.C.P., F.R.C.P., F.A.C.D., as Head of the Department. In 1980 a post of Junior Lecturer was sanctioned for the department. Dr. A. K. Datta, M.B.B.S., D.T.M. & H. D. Dermat. D.Phil. has been appointed to the post. Out-patient service of the Dermatological Department of Cooch Behar Hospital of the University complex of Medical College is open on Tuesdays, Thursdays and Saturdays.

### Present Teaching Staff

#### University Teachers

- Dr. B. N. Banerjee, M.B., B.S., F.R.C.P., F.A.C.D., F.S.A.,  
Head of the Department  
Prof. M. L. Pan, M.F.P.C.P., F.R.C.S.  
Prof. P. K. Banerjee, M.Sc., M.B.B.S., D.Phil.  
Dr. A. K. Maiti, M.Sc., M.B.B.S., D.Phil.  
Dr. S. B. Dasgupta, M.B.B.S., D.Phil.  
Dr. N. Roy, M.B.B.S., D.Phil.  
Dr. T. K. Roy, B.Sc., M.B.B.S., D.D. (St. Andrews)  
Dr. N. Chakravarty, M.F.B.S., M.Sc. (Med.), D.Phil.  
Dr. A. K. Datta, M.B.B.S., M.Sc. (Med.)  
Dr. M. M. Mukherjee, M.F.B.S., M.Sc. (Med.)  
Dr. M. Goswami, M.Sc., M.B.B.S.  
Dr. B. Datta Chaudhuri, M.D.B.S., D.C.P., D.T.M.  
Dr. A. Ghoshdasgupta, M.B.B.S., M.Sc. (Med.)  
Dr. B. Sikdar, M.B.B.S., M.D.  
Dr. B. P. Mukherjee, M.B.B.S., M.Sc. (Med.)  
Dr. N. M. Roy, M.B.B.S., D.Phil.  
Dr. P. C. Chatterjee, M.B.B.S., D.T.M. & H., M.D.  
Dr. N. K. Mitra, M.B.B.S., Dip. B.M.S., D.T.M., D.C.P., D.Phil.  
Dr. A. K. Datta, M.B.B.S., D.T.M. & H., D. Dermat., D.Phil.  
Dr. K. S. Bora, M.B., M.S. (Cal.)

#### Extra-mural Teachers :

- Dr. B. Chakraborty, M.B., L.A.M.C. (Roid)  
Dr. T. D. Mondal, M.B., M.D. (Germany)  
Dr. A. K. Chaudhury, M.Sc., M.B., D.T.M.  
Dr. S. C. Mitra, M.B.B.S., D.T.M., D. Dermat.  
Dr. K. D. Lahiri, M.B.B.S., M.D., Ph.D., D.Phil., D.T.M. & H.,  
F.D.S. (Lond.), F.D.S. (Medico)  
Dr. A. K. Banerjee, M.B.B.S., D.T.M., D.Phil.  
Dr. A. Mukherjee, M.B.B.S., M.Sc. (Cal.)  
Dr. S. Ghosh, M.B.B.S., D.T.M., D. Bact.  
Dr. B. P. Ghosh, M.Sc. (Cal.), Ph.D. (Wisconsin)  
Dr. S. Chatterjee, M.B., D.T.M. (Cal.), D.M.B.T. (Eng.)



A nurse in a white coat and cap standing in a room with a large window and a wooden bench.



## Teaching of the Diploma Course in Dermatology

### Subjects taught

#### BASIC MEDICAL SCIENCES

##### *Anatomy :*

Evolution and development of skin.  
 Appendages of the skin  
 Functions: Histology of skin Nutrition of the skin blood vessels and lymphatics  
 Vascular supply and innervation of skin.  
 Histology of skin appendages  
 Anatomical aspects of the regeneration of the skin.

##### *Physiology*

Functional morphology of skin Biophysics of skin  
 Sensory functions of skin and receptors  
 Cutaneous circulation and regulation of skin Vascular reactions  
 Biomechanics and Biophysics of skin Chemical composition and metabolism of skin  
 Physiology of skin and nutrition of skin  
 Psychology of hair growth  
 Biology of connective tissue Collagen reticulin and elastin  
 Sweat secretin and secretory gland secretion  
 Role of skin in temperature regulation pathology of pigmentation  
 Keratinization process of the skin.

##### *Pathology, Histopathology, Parasitology, Mycology*

Pathological changes of the epidermis  
 Pathological changes of the corium  
 Cells of the corium  
 Pathological changes of dermal appendages  
 Lesions of the skin associated with bacterial infection  
 Identification of pathogenic bacteria  
 Experimental transmission of skin diseases  
 Skin diseases in animals suitable to man  
 Host-Parasite relationship  
 Influence of bacteria upon healing  
 Autoimmune destruction of the skin  
 Parasitology in relation to dermatology

##### *Pharmacology*

Histamine and Antihistamines Normal Homeostasis and Pharmacodynamics  
 Steroids Hormones and Pharmacological interpretation  
 Antimicrobial Drugs  
 Radiosensitive elements  
 Antifungal and antiviral agents

##### *Clinical Dermatology :*

Pruritus  
 Vesiculo-Bullous Disorders  
 Tuberculous of the skin  
 Scabies  
 Pigmentation  
 Congenital (Normal) anomalies



Dr P R Ray BSc MBBs F.D.S. (Anat.)  
 Dr N Chatterjee MBBs MSc (Med.) D.D.  
 Dr A K Datta MBBs, MSc (Med.)  
 Dr M M Mukherjee MBBs, MSc (Med.)  
 Dr M Goswami, MSc, MBBs  
 Dr A Ghoshlaastekar, MBBs, MSc (Med.)  
 Dr B Datta Chaudhuri MBBs, D.C.P. D.Phil.  
 Dr B. Sikdar MBBs, MD (Agra)  
 Dr B. P. Mukherjee MBBs, MSc (M)  
 Dr N M. Roy, MBBs, MD  
 Dr P C. Chatterjee, MBBs, DTM & H MD  
 Dr N K Mitra, MBBs, D.M.S. D.C.P. D.M. D.Phil.  
 Dr N Goswami M.B., Ph.D.  
 Dr B B Roy MB (Cal)  
 Dr R Datta Chatterjee B.S. MBBs MSc (Pathology)  
 Dr S Mukherjee B.S. MBBs D.Phil. Ph.D. (Agra)

### Extra-mural Teachers

Dr D P Bhowmik MBBs (Cal) FRCP (Ed), M.D. (Edin), D.D. (Leed),  
 FACC, FICA  
 Dr A B Ghosh M.D. DTM & H M.B. (Cal)  
 Dr G. S. Karmali, MD, FRCS (Eng) FACS  
 Dr S K Sen MBBs F.R.C.P. (Edin)  
 Dr J. A. Chatterjee M.D. (Cal)  
 Dr M K Chatterjee M.D. (Cal) M.B. (Cal)  
 Dr B. Roy MSc MBBs D.C.P. (Cal)  
 Dr S. H. M.D. D.M.D. (Cal) & S. (Cal) (Cal)  
 Dr A. Roy, MB, DMRD (On request)  
 Dr T. C. Chatterjee MBBs F.D. (On request)  
 Dr B. P. Sen MBBs (Cal) M.D. (Cal) MD (Cal) (SA) (On request)

## Teaching of the Diploma Course in Cardiology

### Subjects taught

#### A. BASIC MEDICAL SCIENCES

#### Anatomy

The Physiology of the Human Heart: Development of the Heart and its related  
 Great Vessels  
 The comparative anatomy of the Heart & Great Vessels  
 The Gross anatomy of the Heart and Great Vessels: Gross anatomy and abnor-  
 mality  
 The structure of the Heart: Microscopic special studies: Histology  
 The Nutrition of the Heart: Coronary circulation  
 Innervation of Heart  
 The Pericardium: Pericardial diseases  
 The Lymphatic system  
 Factors influencing its formation and circulation  
 Anatomical aspects of the Heart: Lesions and Pericardial pain



Cor Pulmonare and Hypertensive Cardiopathy states  
 Rheumatic & Toxic Heart Diseases  
 Surgical aspect of Angina and Myocardial Infarction  
 Arrhythmias of Heart  
 E.C.G.  
 Examinations and R.C.G.  
 Endocrine Heart Disease & E.C.G.

### Department of Psychological Medicine

The department started functioning in the summer 1961 with Dr M. De,  
 M.B., B.Sc., M.D., D.P.M., D.M., as its Head. On retirement of  
 Dr. De after a long association, Dr. C. Saha, M.B., D.P.M. (Cal.),  
 R.C.P. (Lond.) & Coe, was appointed the Head of the Department in 1963.

### Present Teaching Staff

#### University Teachers

Dr. C. C. Saha, M.Sc., M.B., D.M., Coe, F.R.C.P. (Glas.), F.R.C.P. (Lond.),  
 Head of the Department.  
 Prof. M. J. Pan, M.D., F.R.C.P., F.R.C.S.  
 Prof. P. K. Ray, M.Sc., M.B.B.S., D.Phil.  
 Dr. A. K. Majumdar, M.Sc., M.B.B.S., D.Phil.  
 Dr. S. K. Chakrabarti, M.B.B.S., D.Phil.  
 Dr. N. R. Ray, M.B.B.S., D.Phil.  
 Dr. P. K. Ray, B.Sc., M.B.B.S., M.D., St. Andrews.  
 Dr. N. C. Chakrabarti, M.B.B.S., M.Sc., M.D., D.Phil.  
 Dr. A. K. Dasgupta, M.B.B.S., M.Sc., M.D.  
 Dr. M. M. Mukherjee, M.B.B.S., M.Sc., M.D.  
 Dr. M. Guha, M.B.B.S., M.Sc.  
 Dr. A. Chakrabarti, M.B.B.S., M.Sc., M.D.  
 Dr. B. D. Chakrabarti, M.B.B.S., D.P.M., D.Phil.  
 Dr. S. S. Kar, M.B.B.S., M.D., Ayur.  
 Dr. R. P. Mukherjee, M.B.B.S., M.Sc., M.D.  
 Dr. N. M. Ray, M.B.B.S., M.D.  
 Dr. P. C. Chakrabarti, M.B.B.S., D.T.M. & H., M.D.  
 Dr. N. K. Mook, M.B.B.S., D.M. (A.M.R.), D.T.M., D.Phil.  
 Sri A. N. Datta, M.Sc., University, Degree of Science & Technology.

#### Extra-mural Teachers

Dr. J. B. Macdonald, M.B. (Cal.), D.P.M. (Lond.)  
 Dr. A. K. Das, M.Sc., M.B. (Cal.), D.P.M. (Lond.)  
 Dr. A. K. Ray-Chaudhary, M.Sc., M.B.B.S.  
 Dr. J. N. Mook, M.Sc., M.B.B.S.  
 Dr. D. N. Nandi, M.Sc., M.B.B.S., D.Phil., D.P.M., M.R.C.P. (Edin.)  
 Dr. S. K. Ray, M.B.  
 Dr. P. K. Ray, M.B., M.R.C.P., D.P.M.  
 Dr. (Sri) A. Chakrabarti, M.B. (Cal.), M.R.C.P. (Lond.), D.P.M. (Lond.)  
 Dr. S. Das, M.B., D.M.B.D., R.C.P.S. (Eng.), (On request)  
 Dr. R. Datta, M.D. (On request)  
 Dr. R. Chakrabarti, M.B. (Cal.), M.Sc. (Cal.) (On request)  
 Dr. A. Dasgupta, M.B.B.S., F.N.S. (Ayur.), F.N.S. (I.S.) (On request)  
 Dr. P. Das, M.B.B.S., D.T.M. (On request)



# Teaching of the Diploma Course in Psychological Medicine, Part I

## Subjects taught

### A. Basic Medical Sciences

#### (a) Anatomy:

Nerve Tissues—general characteristics.  
 Distribution of Nerve Fibres—Motor and Sensory—Motor Nerve Fibres—Lower Motor Neurons.  
 Spinal cord—spinal nerve—spinal meninges.  
 Cerebrum—cerebellum—brain stem and its outgrowths.  
 Affected areas of the brain—motor cortex.  
 Somesthetic and kinesthetic areas—sensory cortex.  
 The visual system and its outgrowths.  
 The auditory system—its outgrowths and its outgrowths.  
 The olfactory system—its outgrowths and its outgrowths.  
 The gustatory system—its outgrowths and its outgrowths.  
 The endocrine system—its outgrowths and its outgrowths.  
 The reproductive system—its outgrowths and its outgrowths.  
 The circulatory system—its outgrowths and its outgrowths.  
 The respiratory system—its outgrowths and its outgrowths.  
 The digestive system—its outgrowths and its outgrowths.  
 The excretory system—its outgrowths and its outgrowths.

#### (b) Physiology

Importance of Neurophysiology—History of neurophysiology.  
 The development of the nervous system—its outgrowths.  
 Motor system—its outgrowths and its outgrowths.  
 Sensory system—its outgrowths and its outgrowths.  
 The visual system—its outgrowths and its outgrowths.  
 The auditory system—its outgrowths and its outgrowths.  
 The olfactory system—its outgrowths and its outgrowths.  
 The gustatory system—its outgrowths and its outgrowths.  
 The endocrine system—its outgrowths and its outgrowths.  
 The reproductive system—its outgrowths and its outgrowths.  
 The circulatory system—its outgrowths and its outgrowths.  
 The respiratory system—its outgrowths and its outgrowths.  
 The digestive system—its outgrowths and its outgrowths.  
 The excretory system—its outgrowths and its outgrowths.

#### (c) Pharmacology

Physiology of the nervous system—Drugs acting on the nervous system.  
 The pharmacology of the nervous system—its outgrowths.  
 Neurotransmitter drugs—its outgrowths and its outgrowths.  
 Antiepileptic and anticonvulsants.  
 Drug producing convulsions and coma.

### B. Psychology

General Psychology—Comparative Psychology.  
 Industrial Psychology—Child Psychology—Social Psychology—Physiological Psychology.  
 Analytical Psychology—Statistics.  
 Historical, Roman and Ancient Indian Psychology—Mental test.

Intelligence testing.	Personality testing.
Violence and children.	Marriage and divorce.

### Subject matter

#### A. Basic Medical Sciences

## Pathology of the Nervous System

### Examination of CSF

## B. Neurology

[illegible]

## C. FERGUSON

Historical review. Psychology, genetics and other biological factors. Clinical methods in psychiatry. Psychochemistry. Hygiene. Anxiety states. Mechanisms of disease and response to psychotherapy. Psychosis. Affective psychosis. Schizophrenia and paranoid psychosis. Psychotic states. Drug abuse. Chemical treatment. Infantile toxic triad. Suicide and nervous system disturbance of pregnancy. Mental disorders associated with endocrine diseases and laboratory of blood factors. Psychosomatic and psychoneurosis of war. Psychiatry associated with social factors. Opinion that if nervous system somatic psychoneurosis. Special methods of physical treatment in psychiatry. Chemical therapy. Admission in one psychiatric hospital. Role of psychiatry and its bearing on medicine and surgery and preventive psychiatry and mental hygiene. Psychiatry in the community. Child Psychiatry. Mental Delinquency. Biochemistry and Mental Disorders. Chemical Pathology in relation to mental disorders.

Demonstration and Clinical classes were held as per exhibition protocol.

Students at units of DPM Part II Course were taken to Barro Colorado Hospital Kunko and various types of Psychiatry were along with various types of therapeutic measures were given to the students.

## Department of Anesthesiology

The Department was initiated in the year 1961 when Dr. H. Barot M.B. F.R.C.S. (Edn), D.A. F.F.A.R.C.S. (Eng) took over the charge as Head of the Department. The department has been progressing under the supervision of Dr. Barot during the last few years.

### Present Teaching Staff

#### University Teachers

- Dr H Barot MB FRCS FRC DA FFARCS (Eng)  
 Head of the Department,  
 Prof M L Pan, MBBS, LRCP FRCS  
 Prof P K Banerjee, MS MBBS DPhil  
 Dr A K Maiti, MS MBBS DPhil  
 Dr S R Dasgupta, MBBS DPhil  
 Dr N Roy MBBS, DPhil  
 Dr P R Das, BSc MBBS PhD St Andrews  
 Dr N C Chatterjaya, MBBS MS (Med) DPhil  
 Dr A K Datta, MBBS, MSc (Med)  
 Dr M M Mukherjee, MBBS, MSc (Med)  
 Dr M Choudhury, MBBS, MSc  
 Dr A Choudhury, MBBS MS (Med)  
 Dr B D Chatterjaya, MBBS DCP DPhil  
 Dr S Sikdar, MBBS MD  
 Dr B P Chatterjee, MBBS, MSc (Med)  
 Dr N M Das, MBBS, MD  
 Dr P C Chatterjee, MBBS DTM & R MD  
 Dr N K Mitra, MBBS DCRMS DTM DCP DPhil  
 Dr A K Basu, MS Cal FRCS (Eng) FFARCS  
 Dr TK Choudhury MD

#### Extra-mural Teachers

- Dr J R Mitra, MBBS DPhil  
 Dr S K Chatterjee, FRC A  
 Dr A K Bose, MB FRCS (Eng) DA FRPS (Eng)  
 Dr N Pradhan, MBBS FRC A (Edin) FFARCS (Eng)  
 Dr D N Chatterjee, MBBS DA  
 Dr Mrs A Banerjee, MB DA FFARCS (Eng)  
 Dr G C Das, MBBS FRC A  
 Dr K C Datta, MBBS DA  
 Dr H P Roy, MBBS DA  
 Dr B C Das, MBBS DA  
 Dr N C Das, MBBS DA  
 Dr R N Chatterjee, MBBS FRC A MS Cal  
 Dr P C Rakshit, MSc MBBS PhD

### Teaching of the Diploma Course in Anaesthesia, Part I

#### Subjects taught

#### BASIC MEDICAL SCIENCES

##### (a) Anatomy

Nasal Fossa and nasopharynx Trachea and Bronchial tree Segmental.  
 Apparatus of lungs Mechanism of respiration  
 Diaphragm and other muscles of respiration  
 Heart (general consideration)

Origin of nervous system

Myocardium and associated functions tests

Cardiac circulation

Respiratory and vascular systems - Peripheral nerves - Endocrine and glands

(b) *Physiology*

Perspectives in the study of Physiology in the D.A. Course

Homeostasis principles

Functions of liver and liver function tests

Renal function tests

Carbohydrate metabolism

Endocrinology

Effects of drugs in relation to anaesthesia drugs

Physiology of the nervous system and synapse

Endocrine function tests

Regulation of breathing

Regulation of circulation

Reflex arc and spinal cord

Nervous system and coordination

Water and electrolyte balance

Cerebral cortex - electrical potentials and cortical functions

Endocrine system and hypothalamus

(c) *Pathology including Bacteriology*

Inflammation - acute and chronic

Healing and repair

Degeneration

Body temperature and fever

Infection

Immunity

Thrombosis - Embolism - Infarction

Oedema - Shock - Haemorrhage

Bacteriology of infection

Coagulation of blood

Haemorrhage - haemostasis

Anaemia - Leukemias

Blood groups and transfusion

Diseases of respiratory system

Diseases of cardiovascular system

Diseases of alimentary system

Diseases of the liver and kidney

Diseases of the endocrine system

(d) *Pharmacology*

Physiological basis of homeostasis and Pharmacokinetics and pharmacodynamics

General Anaesthetics agents

Sedatives - Hypnotics and other sedative

Narcotics and gastro-intestinal agents

Non narcotic analgesics - Central steroids

Prophylaxis - Hypertension

Neurotransmitters - Neurotransmitters

Electrolyte balance

Hypotensive drugs and Hypertensive agents

Corticosteroids

Cardiac arrhythmias - Pharmacokinetics and Pharmacodynamics

Anticancer and anti-infective agents

Diuretics

Antibiotics and Chemotherapeutics

## Teaching of the Diploma Course in Anaesthesia, Part II

### Subjects taught

#### General considerations

Anaesthesia for the Medical and Non-Surgical

Management of the various types of anaesthesia

Drugs used in anaesthesia: Analgesics and Hypnotics (emphasis on anaesthesia & Conscious sedation and Nitrous Oxide)

Anaesthesia in Thoracic Surgery

Emergency Anaesthesia and Resuscitation

General Anaesthesia in the Elderly

General Anaesthesia in the Young

General Anaesthesia in the Critically Ill

Regional Anaesthesia

Anaesthesia and analgesia in Obstetrical practice

Resuscitation of the Neonate

Haematological aspects of anaesthesia

Cardiac Anaesthesia

Cardiac Anaesthesia in the Elderly

Electro-Encephalogram in anaesthesia

The following subjects in the Diploma Course in Anaesthesia, Part II were found to be per syllabus prescribed.

### Department of Venereology

The Department had been in existence in the year 1963-64. Dr. Soorin (then MB, BCh, DRCR) was appointed as the first Head of the Department June, 1963. He was posted to the post in the year 1966 when he retired from duty. During his 3 year period of association with the Department Dr. Soorin played a very important role in the development of the Department. Dr. B. N. Banerjee MB (Ch), FRCP (Ed), F.A.A.D. (U.S.A), F.A.D. (A) Head of the Department of Dermatology succeeded Dr. Soorin in 1967 as Head of the Department.

### Present Teaching Staff

#### Present Teachers

Dr. B. N. Banerjee MB (Ch), FRCP (Ed), F.A.A.D. (U.S.A)

Head of the Department

Prof. M. L. Pao, MB, LRCP, FRCS

Prof. P. K. Banerjee MSc, MBBS, DPhil

Dr. A. K. Axt MB, MBBS, DPhil

Dr. S. C. Dasgupta MBBS, DPhil

Dr. P. P. Dasgupta MBBS, DPhil (St. Andrews)

Dr. N. C. Chakraverty MBBS, MSc, Med, DPhil

Dr. M. M. Chakraverty MBBS, MSc, Med

Dr. A. K. Datta MBBS, MSc, Med

Dr. N. Chakraverty MBBS, DPhil

Dr. M. Chakraverty MBBS, MSc

Dr. B. Chakraverty MBBS, DPhil, DPhil

Dr. A. Chakraverty MBBS, MSc, Med

Dr. S. Chakraverty BSc, MBBS, DPhil, PhD (Edin)

Dr. S. Chakraverty MBBS, MD

Dr. B. P. Chakraverty MBBS, MSc, Med



Dr. N. M. I. MBBS, M.D.  
 Dr. C. H. I. MBBS, M.D.  
 Dr. N. P. I. MBBS, M.D.  
 Dr. N. K. I. MBBS, M.D.  
 Dr. E. C. I. MBBS, M.D.  
 Dr. R. D. I. MBBS, M.D.

*Examination*

- 1. P. N. Khan MB DTM MRCPI
- 2. N. C. P. MBBS, M.D.
- 3. I. M. A. M. I. MBBS, D. (Dermat.), D.V. (Lab.)
- 4. N. M. I. MBBS (Lab.) D.M.B. (Lab.) (On regulation)

*Teaching of the Diploma Course in Venerology*

*Subjects taught*

*A. Basic Medical Sciences*

*Quatomy*

The first part of the course is devoted to the study of the basic medical sciences. This part of the course is designed to provide the student with a sound knowledge of the basic medical sciences, which is essential for the study of the Diploma Course in Venerology. The subjects taught in this part of the course are: Anatomy, Physiology, Biochemistry, Microbiology, and Pathology. The student is required to study these subjects in detail, and to be able to apply this knowledge to the study of the Diploma Course in Venerology. The student is also required to attend practical classes, in which he or she will be able to apply the knowledge gained from the theoretical part of the course to the study of the Diploma Course in Venerology. The student is also required to attend lectures, in which he or she will be able to gain a deeper understanding of the basic medical sciences. The student is also required to attend seminars, in which he or she will be able to discuss the basic medical sciences with his or her fellow students. The student is also required to attend tutorials, in which he or she will be able to discuss the basic medical sciences with his or her tutor. The student is also required to attend a final examination, in which he or she will be able to demonstrate his or her knowledge of the basic medical sciences. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge.

*Physiology*

The second part of the course is devoted to the study of the basic medical sciences. This part of the course is designed to provide the student with a sound knowledge of the basic medical sciences, which is essential for the study of the Diploma Course in Venerology. The subjects taught in this part of the course are: Anatomy, Physiology, Biochemistry, Microbiology, and Pathology. The student is required to study these subjects in detail, and to be able to apply this knowledge to the study of the Diploma Course in Venerology. The student is also required to attend practical classes, in which he or she will be able to apply the knowledge gained from the theoretical part of the course to the study of the Diploma Course in Venerology. The student is also required to attend lectures, in which he or she will be able to gain a deeper understanding of the basic medical sciences. The student is also required to attend seminars, in which he or she will be able to discuss the basic medical sciences with his or her fellow students. The student is also required to attend tutorials, in which he or she will be able to discuss the basic medical sciences with his or her tutor. The student is also required to attend a final examination, in which he or she will be able to demonstrate his or her knowledge of the basic medical sciences. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge.

*Pharmacology*

The third part of the course is devoted to the study of the basic medical sciences. This part of the course is designed to provide the student with a sound knowledge of the basic medical sciences, which is essential for the study of the Diploma Course in Venerology. The subjects taught in this part of the course are: Anatomy, Physiology, Biochemistry, Microbiology, and Pathology. The student is required to study these subjects in detail, and to be able to apply this knowledge to the study of the Diploma Course in Venerology. The student is also required to attend practical classes, in which he or she will be able to apply the knowledge gained from the theoretical part of the course to the study of the Diploma Course in Venerology. The student is also required to attend lectures, in which he or she will be able to gain a deeper understanding of the basic medical sciences. The student is also required to attend seminars, in which he or she will be able to discuss the basic medical sciences with his or her fellow students. The student is also required to attend tutorials, in which he or she will be able to discuss the basic medical sciences with his or her tutor. The student is also required to attend a final examination, in which he or she will be able to demonstrate his or her knowledge of the basic medical sciences. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge. The student is also required to attend a final practical examination, in which he or she will be able to demonstrate his or her practical skills. The student is also required to attend a final theoretical examination, in which he or she will be able to demonstrate his or her theoretical knowledge.

## Pathology and Immunology: 10.1002/9781118173442.ch24

[illegible]

## D. YENKHOLOV

Surgery, Eye, and Ear, Throat, Nose, and Skin. Pathology in relation to the eye, ear, nose, throat, and skin. Progress and Veneral disease. Affection of Eye by Veneral Disease.

Not to be prescribed

## Department of Diseases of Ear, Nose and Throat

[illegible]

### Present Teaching Staff

*The first part of the paper*

Dr N Baggins M.B.B.S. F.R.C.S. (Ed.) M.D. (Cambridge)  
 Dr M F. C. M.B.B.S. F.R.C.S.  
 Dr F. D. K. M.B.B.S. M.D. (Ed.)  
 Dr A. R. M. M.B.B.S. M.D. (Ed.)  
 Dr S. H. M. M.B.B.S. D.Phil.  
 Dr N. J. M.B.B.S. F.R.C.S.  
 Dr P. J. M. B. M.D. (Ed.)  
 Dr N. M. M.B.B.S. M.D. (Ed.)  
 Dr A. R. M. M.B.B.S. M.D. (Ed.)  
 Dr M. M. M. M.B.B.S. M.D. (Ed.)  
 Dr M. M. M. M.B.B.S. M.D. (Ed.)  
 Dr A. M. M. M.B.B.S. M.D. (Ed.)  
 Dr B. M. M. M.B.B.S. M.D. (Ed.)  
 Dr S. M. M. M.B.B.S. M.D. (Ed.)  
 Dr H. M. M. M.B.B.S. M.D. (Ed.)  
 Dr N. M. M. M.B.B.S. M.D. (Ed.)  
 Dr P. M. M. M.B.B.S. M.D. (Ed.)  
 Dr S. M. M. M.B.B.S. M.D. (Ed.)  
 Dr A. M. M. M.B.B.S. M.D. (Ed.)  
 Dr T. M. M. M.B.B.S. M.D. (Ed.)  
 Dr H. M. M. M.B.B.S. M.D. (Ed.)

### Estimated Total

Dr B K. Sengupta M.B. B.L.D. K.C.P. S. (F.R.C.)  
Dr N. Dutta M.B. B.L.D. S. (F.R.C.)

Dr H. Hara M.B. B.S. D.L.O.  
 Dr P. K. K. M.B. D.L.O. R.C.P.A.S. (Eng.)  
 Dr A. L. M.B. B.S. F.R.C.S. (Edn.) D.L.O.  
 Dr S. C. Roberts M.B.B.S. M.B. (Can.)  
 Dr M. Sen, M.B.B.S. D.L.O. (Eng.)  
 Dr H. J. R. M.S. M.B. B.S. F.R.C.S. (Edn.) (On request)  
 Dr S. R. M.B. D.L.O. F.R.C.S. (Edn.) (On request)  
 Dr N. M. Hargrave M.B. (Cal.) D.M.R. (Lond.) (On request)  
 Dr B. K. M.B. F.R.C.S. (Edn.) R.C.P.A.S. (Eng.) (On request)  
 Dr M. M. M.B. F.R.C.S. (Eng. & Edn.) (On request)  
 Dr R. N. M.B. F.R.C.S. (Edn.) M.B. (Cal.) (On request)  
 Mr S. H. M.B. F.R.C.S. (Edn.) D.M.R. (Lond.) (On request)  
 Dr A. H. M.B. F.R.C.S. (Edn.) F.R.C.S. (Edn.) (On request)  
 Dr K. G. Datta M.B.B.S. D.A. (On request)  
 Dr P. B. M.B. D.T.M. (On request)  
 Dr P. C. Rakoot M.B. M.B. B.S. (Cal.) (On request)

### 1 Teaching of the Diploma Course in Oto-Rhino-Laryngology Part I

#### Subjects taught

#### BASIC MEDICAL SCIENCES

##### Anatomy

The Pharynx: Face: Perspectives underlying its formation. The nose at birth and during growth. The sinuses: Maxillary, Sphenoidal, Ethmoidal, Frontal and extra-ethmoidal. The larynx: Its formation. Nerve and muscle. The Nasopharynx. Congenital anomalies. Applied importance. The Palate: Its formation. Congenital anomalies. Applied importance. The Ventrals: The vocal cords with special reference to Tongue, Teeth and Palate. Congenital anomalies. Applied importance. The Larynx: Evolution. Congenital anomalies. Applied importance. The Trachea: Bronchi: Congenital anomalies. Applied importance. The Lungs: Signs and symptoms. Pleural cavities. Congenital anomalies. Applied importance. The diaphragm: Mechanism. Applied importance. The Anatomy of the throat: Applied importance. The Pharynx: Congenital anomalies. Applied importance. The Oesophagus: Congenital anomalies. Applied importance. The larynx: Congenital anomalies. Applied importance. The trachea: Applied importance. The Bronchi: Applied importance. The Lungs: Applied importance. The Salivary glands: Congenital anomalies and applied importance. The Thyroid gland: Its distribution and applied importance. The External Ear and Tympanic Membrane: Congenital anomalies. Applied importance. The Middle Ear: Pharyngo-tympanic tube. Muscles: Applied importance. Applied importance. The Internal Ear: Congenital anomalies. Applied importance. The Olfactory and Trigeminal nerves: Applied importance. The Facial and Auditory nerves: Applied importance. The glossopharyngeal, vagus, accessory and hypoglossal nerves: Applied importance. The Anatomy of the larynx: Applied importance. The Auditory and Vestibular pathways: Applied importance. The equilibrium: Role in postural equilibrium and Motor behaviour. Nerve and muscle movement. The anatomical consideration in the investigation of a case of Deafness. The mechanism of speech—normal and abnormal. Anatomical consideration in a case of Aphasia. Practical Demonstration.

##### Physiology

Perspectives in Physiology for D.L.O. course. The structure and functional mechanism of different components of external, middle and internal ear. The sense of sound. Transmission of sound to ear: Operative factors and dynamic range of the ear. Hearing mechanical consideration. Audiogram and its utility. Hearing aids. Theories of hearing.



Examination of the patient's general condition, history of disease, physical examination, and laboratory examination. The patient's general condition is examined by the physician. The history of disease is obtained by the physician. The physical examination is performed by the physician. The laboratory examination is performed by the physician.

### Pharmacology

The patient's general condition is examined by the physician. The history of disease is obtained by the physician. The physical examination is performed by the physician. The laboratory examination is performed by the physician.

### Pathology and Bacteriology

The patient's general condition is examined by the physician. The history of disease is obtained by the physician. The physical examination is performed by the physician. The laboratory examination is performed by the physician.

## 3 Teaching of Diploma Course in Oto-Rhino Laryngology Part II

### Subjects taught

The patient's general condition is examined by the physician. The history of disease is obtained by the physician. The physical examination is performed by the physician. The laboratory examination is performed by the physician.

Teaches and branch—foreign to a native to an. Brain surgery lung disease. Nephritis and Uterus of the. Mx. Anterior. Radiotherapy. New growth of bone and neural and the physiology of the. Radiotherapy of skin. Carcinoma of the. Uterus and vagina. Tumours. Tumour of the eye. Cerebral palsy. Origin of the. Brain. Abnormalities. Surgery. Neurology. P.N.S.

General Dissection course in Oral and Laryngeal Parts I, were held as per Syllabus prescribed.

### Department of Ophthalmology

Dr K. L. Sen M.B. Ch. F.R.C.S. (Ed.) D.O.M.S. (Lond.) was appointed Head of the Department in 1967. He continued to render valuable services to that capacity till the summer of 1980 when Dr N. K. Maiti took over the charge of the Department as its Head. The Department has progressed much under the guidance of Dr Maiti since then.

### Present Teaching Staff

#### University Teachers

Dr N. K. Maiti M.B. Ch. D.O.M.S. (Lond.) Head of the Department  
 Prof. M. L. Das M.B. Ch. F.R.C.S.  
 Prof. P. K. Bhattacharya M.Sc. M.D. (S. India)  
 Dr A. K. Maiti M.S. M.D. (S. India)  
 Dr M. R. Dasgupta M.B.B.S. D.P.H.  
 Dr P. K. Das M.B.B.S. Ph.D. St. Andrews  
 Dr N. C. Chatterjee M.B.B.S. M.S. (Med.) Calcutta  
 Dr M. M. Mukherjee M.B.B.S. M.Sc. Med.  
 Dr A. K. Dasgupta M.B.B.S. M.D.  
 Dr M. Chatterjee M.B.B.S. M.S.  
 Dr B. Bhattacharya M.B.B.S. D.P.H.  
 Dr A. Chatterjee M.B.B.S. M.S. Med.  
 Dr S. M. Ghosh M.B.B.S. D.P.H.  
 Dr S. Saha M.B.B.S. M.D.  
 Dr B. P. Mukherjee M.B.B.S. M.S. Med.  
 Dr N. M. Das M.B.B.S. M.D.  
 Dr B. B. Ray M.B. Ch.

#### Extra-mural Teachers

Dr P. N. Chatterjee M.B. D.O.M.S. (Lond.) D.P.H. (Oxon.) F.R.C.S. (Ed.)  
 Dr B. K. Maiti M.B. D.O.M.S. Ch.  
 Dr T. S. Ray M.B.B.S. D.O.M.S. D.P.H.  
 Dr K. Saha M.B. Ch. Oxon. D.O.M.S. (Lond.)  
 Dr K. Bhattacharya M.B.B.S.  
 Dr G. Mukherjee M.B.B.S. D.O.M.S.  
 Dr B. M. Chatterjee M.B.B.S. D.O.M.S. D.P.H. (Lond.) F.R.C.S.  
 Dr G. C. Sen M.B.B.S. D.O.M.S.  
 Dr P. M. Chatterjee M.B.B.S. D.O.M.S. (Lond.)  
 Dr G. C. Banerjee M.B.B.S. D.P.H. (Oxon.) D.O.M.S. (Lond.)  
 Maj. S. N. Sen M.B.B.S. D.O.M.S. (Lond.) F.R.C.S.  
 Dr P. C. Das M.B.B.S. D.O.M.S. (Lond.)  
 Dr K. Mukherjee M.B.B.S. D.O.M.S. M.S. (Lond.)  
 Dr N. Bose M.B.B.S. D.O.M.S. (Lond.) M.S. (Lond.)  
 Dr M. Sengupta M.B.B.S. D.O.M.S. (Lond.)



Dr B Palanandhar M.B.B.S., D.O.M.S. M.S. (Ophth.) Ph.D.  
 Dr S. K. Raywar M.B.B.S., D.O.M.S., L.O. F.R.C.S. (Edin & Eng.)  
 Dr P. R. Mandal M.B.B.S., D.O.M.S. F.R.C.S. (Edin)  
 Dr A. K. Mukherjee M.B.B.S., D.O.M.S. (Cal.)  
 Dr P. K. Ghose M.B.B.S., D.O.M.S. (Lond.), F.S.M.F.  
 Dr P. K. Bose M.B. D.T.M. (on request)  
 Dr P. G. Rakshit M.Sc. M.B.B.S. Ph.D. (on request)

## Teaching of Diploma in Ophthalmic Medicine and Surgery—Part I

### Subjects taught.

Physiology of Vision

Mechanism of accommodation—Phakoscopy

Biophysics of the eye and its optical consideration

Neurophysiology of Vision—

a) Visual pathways

1) Higher visual centres and their connections

e) Electrical potentials accompanying vision

E.R.G.

Theories of Colour Vision.

Vitamins & Vitamins related to the Physiology of eye

Retinal receptors and their functions—Changes in the retina after exposure to light

Light reflex and accommodation reflex paths and effects of lesions

Dark and light adaptation—contrast phenomenon and after-image

Crystalline lens—its anchorage—its structure—changes due to age development and anomalies

Chambers and refractive media of the eye-ball

Muscles of the eye-ball—extraocular and intraocular

Movements of the eye-ball—binocular vision

Retina.

Vascular supply—Nerve supply of the eye-ball—appendages of the eye-ball and conjunctiva

Lacrimal apparatus with development and applied importance

Intra-ocular tension—factors responsible for its maintenance

The bony orbit—its related air sinuses and contents of the orbit

The eye-ball—general considerations—anchorage of the eye-ball—factors concerned

Development of the eye—development anomalies

The tunics of the eye-ball

Drugs affecting the size of the pupil and affecting accommodation

Drugs lowering intraocular tension

Local Anaesthetics

Analgesics

Anti-infective agents

Corticosteroids

Optics

Physiology

Anatomy

## Teaching of Diploma in Ophthalmic Medicine and Surgery—Part II

### Neuro Ophthalmology, Intraocular Surgery

Retinal Detachment & others.

### Optical defects, Surgery of Eye and Orbit

Anomalies of ocular movements, Nystagmus & Squint

### Medical & Medical Ophthalmology

Diseases of Lens

### Ocular Bacteriology & Pathology

Diseases of the Eye & Topical Ophthalmology

Diseases of Optic Nerve & Vessels

Conjunctiva.

Diseases of Orbit

Diseases of Cornea & Sclera.

Diseases of the ocular Adnexa

Intraocular Parasites

Practice and application of Perimetry & Scotometry Ocular Hypertension.

Diseases of Retina & Vitreous

Ophthalmic Medicine

Diseases of lacrimal apparatus.

Heridity in Ophthalmology, congenital

Orbit & Ocular Inflammations & Trauma & Tumor Therapy Ocular Pathology.

Uveitis Inflammation

Demonstration of anatomy & Bacteriology of the eye

## Department of Child Health

Dr K C Chaudhuri M.B. (Cal.) was appointed Head of the Department at the time of its inception in 1947. He continued working for about 5 to 6 years. On his retirement in 1963 Dr S N Sen M.B. (Cal.) F.R.C.P. (Ed.) F.R.M.P. took over the charge of the department as its Head and pursued its activities in teaching & research. Only recently Dr Sen retired as Head of the Department and the vacancy is expected to be filled up in near future.

## Department of Cancer Research

The Department started functioning as "Unit" under the supervision of Dr S Mitra, M.B. (Cal.) Dr Mookherjee F.R.C.S. (Ed.) F.R.C.G. & A. (N. F.N.I.) who infused life into the departmental activities. Not only the department but University College of Medicine & a whole lot of its students & administrative staff in 1961 when Dr A K Sen M.B. (Cal.) D.P.H. (Lond.) F.R.C.S. (Ed.) the then Head of the Department of Surgery took over charge as Head of this Department also Dr Sen retired in June, 1964. The post remains vacant till now.

## Department of Orthopaedics

This department was one of those which started functioning since the inception of the University College of Medicine in 1947. Dr K. Sarkar M.B. F.R.C.S. (Ed.) & F.R.C.S. was appointed Head of the Department in 1947 in which post he continued till 1960. The department was reconstituted by the appointment of Dr K S Bose M.B. M.S. (Cal.) as the Head of the Department in 1964. The department has built up a Workshop in Goenka Hospital of the University College of Medicine for manufacturing artificial limbs and other Orthopaedic appliances. A team of 20 workers are at present engaged in the work. Our Physiotherapy unit and the Tissue Pathology unit have also been attached to the department. The out patients section remains open on all weekdays.

Following Research Scheme has been undertaken by the Department in recent years in addition to that conducted by the department in research earlier.

Investigation of the Effect of Hypothermia on the Metabolic Rate of Bone Marrow and the Effect of Hypothermia on the Metabolic Rate of Bone Marrow.

### Department of Chest Surgery

Since 1957 the Department has been headed by the Professor of Surgery of Dr A. K. Bhowmik M.B. (Cal.) F.R.C.S. (Ed.) F.A.C.S. (U.S.A.) H.N.I.

Besides the teaching work the department has undertaken the following Research Scheme in recent years in addition to that conducted by the Department in research earlier.

1. Research work on Hypothermia.
2. Research work on Extracorporeal Circulation.
3. Research work on Ventilator Support.

### Department of Diseases of Chest

Dr P. K. Saha M.B. (Cal.) M.D. (Cal.) F.R.C.S. (Ed.) F.D.S. (Wales) has been supervising the activities of the department since 1957.

Besides the teaching work the department has undertaken the following Research Scheme in the recent years —

1. Toxicology of Tuberculosis in primary and secondary.
2. Comparative study of the use of anti-tubercular drugs (Isoniazid & Ethambutol) in the treatment of Tuberculosis in primary and secondary.
3. Variations in the response to anti-tubercular drugs in patients with primary tuberculosis and in those with secondary tuberculosis and the effect of anti-tubercular therapy on the therapeutic response as a whole.
4. Research grant for the study of Isoniazid Toxicity with a special reference to the treatment of Tuberculosis with anti-tubercular drugs.
5. How long does it take for the tubercle bacilli to be cleared from the body and in the normal persons.
6. Comparative study of the response to therapy of Tuberculosis in TB in the community and in hospitalised patients.
7. Interpretation of Tuberculosis Test results for diagnosis and prognosis at Medical College, Calcutta and Urban Health.
8. Character of pulmonary tuberculosis disease in the urban and rural communities of Medical College, Calcutta.
9. Mortality Survey and evaluation of some epidemiological factors in pulmonary tuberculosis at Urban Health Centre, Calcutta and the Institute of Hygiene and Public Health Calcutta.

### Department of Neurology

The department came into existence in 1957 at the University College of Medical Science in 1957 and Dr N. K. Maiti M.D. (Cal.) F.R.C.S. (Ed.) F.D.S. (Wales) H.N.I. was the first Head of the department. He was the first Head of the department when he was called upon to work as Head of the department of the University of Medical Science. After his departure the Department of Neurology was headed by Dr T. K. Ghosh M.D. (Cal.) who took over



St. John's Church, New York City



Fig. 1. A group of people in a room, possibly a classroom or a meeting.





**Number of students admitted to and passed the different Degree and Diploma Courses since inception.**

[illegible]



# **Research Works undertaken by Departmental Research Scholars in Different Departments of the University College of Medicine**

## **Dr. No.      Name of the Research Scholar**

### **DEPARTMENT OF ANATOMY**

1. **Dr. A. Srinivasan** M.B.B.S.
2. **Dr. Srinivasan** M.B.B.S.
3. **Dr. A. Srinivasan** M.B.B.S.

### **DEPARTMENT OF PHYSIOLOGY**

1. **Dr. Srinivasan** M.B.B.S.

2. **Dr. Srinivasan** M.B.B.S.

3. **Dr. Srinivasan** M.B.B.S.

4. **Dr. Srinivasan** M.B.B.S.

5. **Dr. Srinivasan** M.B.B.S.

### **DEPARTMENT OF PATHOLOGY & CLINICAL BACTERIOLOGY**

1. **Dr. Srinivasan** M.B.B.S.
2. **Dr. Srinivasan** M.B.B.S.

### **DEPARTMENT OF PHARMACOLOGY**

1. **Dr. Srinivasan** M.B.B.S.
2. **Dr. Srinivasan** M.B.B.S.
3. **Dr. Srinivasan** M.B.B.S.
4. **Dr. Srinivasan** M.B.B.S.

### **DEPARTMENT OF DERMATOLOGY**

1. **Dr. Srinivasan** M.B.B.S.

## **Dr. No.      Name of the Research Scholar**

22. **Dr. Srinivasan**
23. **Dr. Srinivasan**
24. **Dr. Srinivasan**

25. **Dr. Srinivasan**

26. **Dr. Srinivasan**

27. **Dr. Srinivasan**

28. **Dr. Srinivasan**

29. **Dr. Srinivasan**

30. **Dr. Srinivasan**

31. **Dr. Srinivasan**

32. **Dr. Srinivasan**

33. **Dr. Srinivasan**

34. **Dr. Srinivasan**

35. **Dr. Srinivasan**

36. **Dr. Srinivasan**

37. **Dr. Srinivasan**

## **Dr. No.      Name of the Research Scholar**

38. **Dr. Srinivasan**
39. **Dr. Srinivasan**
40. **Dr. Srinivasan**

41. **Dr. Srinivasan**

42. **Dr. Srinivasan**

43. **Dr. Srinivasan**

44. **Dr. Srinivasan**

45. **Dr. Srinivasan**

46. **Dr. Srinivasan**

47. **Dr. Srinivasan**

48. **Dr. Srinivasan**

49. **Dr. Srinivasan**

50. **Dr. Srinivasan**

51. **Dr. Srinivasan**

52. **Dr. Srinivasan**

2 Sri Aranya Kumar Pate MBBS

2 Sri Kamalakar Kumar MBBS

2 Sri Arun Kumar MBBS

1 Sri Arun Kumar MBBS

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# Sl. No.                      Name of the Research Scholar

## DEPARTMENT OF CANCER RESEARCH

1. Sri Manoharan Gurusu M.B.B.S.
2. Sri Ananya Prasad Masamsetti M.B.B.S.
3. Sri Jayasankar Kr. Thangaraj M.B.B.S.

## DEPARTMENT OF DIAGNOSIS OF CANCER

1. Sri Subinay Karthikeyan M.B.B.S.
2. Sri Hiranyangopal Bagchi M.B.B.S.

## DEPARTMENT OF CYTOMORPHOLOGY

1. Sri Manasa Bandaru Telakur M.B.B.S.
2. Sri Anandika M.B.B.S.

## DEPARTMENT OF CLINICAL MEDICINE

1. Sri Anup Kr. Ghoshal M.B.B.S.
2. Sri Arundhan Kumar M.B.B.S.

## DEPARTMENT OF RADIOLOGY

1. Sri Perumala Kr. Datta M.B.B.S.

## DEPARTMENT OF GENERAL SURGERY

1. Sri Debasmitran Mukherjee, M.B.B.S.
2. Sri Aditya Kr. Kumar, M.B.B.S.

# Period of Research

1. 6.00 to 31.05.20
2. 1.03 to 20.11.03
3. 1.03 to 01.05.20

# June 08 to May '00

4. 6.03 to 31.10.04

1. 01.08 to 31.05.06
2. 01.03 to 1.05.06

3. 01.01 to 31.11.04

1. 01.08 to 30.05.07

1. 01.03 to 31.03.07

- 01.03 to 01.05.00
- 01.03 to 01.05.07

# Subject of Research

1. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

2. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

3. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

4. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

5. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

6. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

# Historical Background of the Research

1. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

2. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

3. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

4. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

# Studies in the Field

1. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

2. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

3. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

4. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

5. Study of the effect of the treatment of the cancer of the colon & the rectum by the use of the following chemotherapy drugs.

## DEPARTMENT OF PSYCHOLOGICAL MEDICINE

- 1.
- San Antonio Obispo, M.B.H. 8

### Department of Commerce & Manufactures

1. San Francisco Mr. Bullock, M L H 9

2. Учен. Ассист. Платонский. М. И. Д. Н.

- W 14 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047

- W. F. M. 'Writing' (1894) 1894

- 4000 47th Ave. E. Lakewood, CO 80232

## Department of Psychiatry and Behavioral Science

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- The Mighty McCombs** built a

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The use of a high-resolution electron microscope (HREM) is an important tool for the study of the structure of the polymer-silica interface.

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and Dr S. R. Dasgupta (Bull. of U. C. M. Vol. IV No. I).

*Department of Pathology including Bacteriology*

K. Mitra and Dr. S. Ray (Bull. of U. C. M. Vol. I No. II).  
Bardhan (Bull. of U. C. M. Vol. II No. II).  
Dr. K. N. Dasgupta (Bull. of U. C. M. Vol. IV, No. I).

*Department of Child Health*

Vol. I No. II.  
by Dr S. N. Ray (Bull. of U. C. M. Vol. III No. II).  
tom". by Dr S. N. Ray (Bull. of U. C. M. Vol. III No. I).  
of U. C. M. Vol. III No. II).

*Department of Dermatology*

S. N. Ray (Bull. of U. C. M. Vol. III No. I).  
K. Mitra (Bull. of U. C. M. Vol. III No. I).

*Department of Public Health and Preventive Medicine*

M. K. Ray (Bull. of U. C. M. Vol. III No. I).  
N. S. Ray (Bull. of U. C. M. Vol. III No. I).



*Department of Mathematics*

and Dr. S. Hossain of U. O. M., Vol. I No. II

"PAI" as a new polymeric compound" - by Dr. K. K. S. and Dr. P. K. H. from K. B. B. of U. O. M., Vol. II No. I

*Department of Medical Surgery**Department of Veterinary*

of B. Scyent. by Dr. T. K. Chandy B. Scyent. of U. O. M., Vol. I No. I

of U. O. M., Vol. I No. II

of Dr. T. K. Chandy B. Scyent. of U. O. M., Vol. II No. I,

of U. O. M., Vol. II No. II

Vol. III No. I

(B. Scyent. of U. O. M., Vol. III No. II)

*Department of General Medicine*

"Observations on Acute" - by Dr. J. C. Natarajan and Dr. A. K. S. of U. O. M., Vol. IV No. I)

of Dr. S. Hossain of U. O. M., Vol. I No. II  
 of Dr. K. K. S. and Dr. P. K. H. from K. B. B. of U. O. M., Vol. II No. I  
 of Dr. T. K. Chandy B. Scyent. of U. O. M., Vol. I No. I  
 of Dr. T. K. Chandy B. Scyent. of U. O. M., Vol. II No. I,  
 of U. O. M., Vol. II No. II  
 Vol. III No. I  
 (B. Scyent. of U. O. M., Vol. III No. II)

## Scientific Publications in other Journals

## Department of Anatomy

by Dr S. C. Chakrabarti (Cal Med J Vol 61 1964)

Med. Res. 7, 193, (1964).

— by Dr P. K. Roy (J Expt Med Res Vol 65 1964)

observation — by Dr P. K. Roy (J Expt Med Res Vol 65 1964)

by Dr P. K. Roy (Indian Heart Journal 18 57 1967)

## Department of Physiology

Postgraduate Medicine (Lancet) Vol 2)

Physiology (Lancet) by Dr P. K. Roy (Lancet Vol 2)

Magazine Blood Pressure and Heart Rate (Lancet) by Dr P. K. Roy (Lancet Vol 2)

(Lancet) Vol 2, No 4, 1967)

Vegetative Nervous System (Lancet) by Dr P. K. Roy (Lancet Vol 2)

No 4, April, 1967)

Physiology (Lancet) by Dr P. K. Roy (Lancet Vol 2)

Neuropsychiatry, Vol. 5, No. 4, 1964)

Dr A. K. Maiti (Cal Med J 1965 Vol 62 No 6)

Chandhuri (J Expt Med Res Vol 6 No 2 December 1964)

and Sm. De Chakrabarty (Brain Nerve 1965)

Dr S. C. Chakrabarti (Brain Nerve 1965)

Dr A. K. Maiti (Brain Nerve 1965)

Dr A. K. Maiti (Brain Nerve 1965)

Dr A. K. Maiti (Brain Nerve 1965)

Dr B. Das (Brain Nerve 1965)



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Dr. A. K. Maiti, Secy.

For His Excellency, Govt. Med. Secy. Jan. 1967

Dr. A. K. Maiti, Secy. Govt. Med. Secy. (For His Excellency, Govt. Med. Secy.)

27/2/67 (1967)

Dr. A. K. Maiti, Secy. Govt. Med. Secy. (For His Excellency, Govt. Med. Secy.)

- by Dr. A. K. Maiti and Dr. S. R. Dasgupta (Bihar News, 1967)

Dr. A. K. Maiti, Secy. Govt. Med. Secy. (For His Excellency, Govt. Med. Secy.)

Dr. A. K. Maiti, Secy. Govt. Med. Secy. (For His Excellency, Govt. Med. Secy.)

Dr. A. K. Maiti, Secy. Govt. Med. Secy. (For His Excellency, Govt. Med. Secy.)

Department of Pharmacology

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)

Dr. S. R. Dasgupta, Ind. J. Pharm. 3 (1967)





*Department of Zoology & Ornithology*

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

*Department of Histology*

—by Dr. A. C. M. and Dr. A. B. M. (J. Natl. Med. Sc. 1968).

**Paper Read and or Abstracts Published**

*Department of Zoology*

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

by Dr. A. C. M. and Dr. A. B. M. (J. Natl. Med. Sc. 1968).

*Department of Physiology*

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

by Dr. A. C. M. and Dr. A. B. M. (J. Natl. Med. Sc. 1968).

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

by Dr. A. C. M. and Dr. A. B. M. (J. Natl. Med. Sc. 1968).

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

by Dr. A. C. M. and Dr. A. B. M. (J. Natl. Med. Sc. 1968).

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Journal of Zoology, London, Vol. XVIII, No. 2, June 1968

Studies on the co-ordination pattern and activation of pre-motoric of gastropod mollusca — by Dr M. Puri Proc. Ind. Sc. Cong. 1967 (II)

### Department of Pharmacology

A study of the action of Reserpine Serpentina, the hypotensive drug — by Dr S. R. Dasgupta and Dr R. C. Mazumdar Proc. Ind. Sc. Cong. 4th Session, 1963

A study of the effects of Ipratropium Methyl on the respiratory system — by Dr S. R. Dasgupta, Dr R. C. Mazumdar and Dr A. K. Ghosh— Proc. Ind. Sc. Cong., Golden Jubilee Session, 1963)

A study of the effects of an indigenous plant extract on some animal behaviour" — by Dr S. R. Dasgupta, Dr R. C. Mazumdar and Dr M. M. Das Proc. Ind. Sc. Cong. 54th Session).

A study of the effects of intraventricular administration of barbiturates (Urbani) on behaviour of cats — by Dr S. R. Dasgupta and Dr C. H. Paul (Ind. Sc. Cong. 1964)

Pharmacological studies on the Potentilla anemone extract — by Dr S. R. Dasgupta and Dr S. S. Ghosh Proc. of the 5th session of Ind. Sc. Cong. 1964

Pharmacological study of Anem. Potentilla — under investigation by Dr S. R. Dasgupta and Dr S. S. Ghosh (Proc. of the 5th session of Ind. Sc. Cong. 1964)

### Department of Pathology including Bacteriology

Presentation of a paper on "The Potentilla anemone extract" — by Dr P. C. Chatterjee (paper read at the Banarasi School in Veterinary Science at Banaras on 17th June 1967)

### Department of Dermatology

Clinico-therapeutic trials of "Leucoderma" cream in skin diseases under "E-research" — by Dr B. N. Banerjee and Dr J. Chakraborty. Paper read at the 6th Annual Conference, Dermatological Society, India at Lucknow Medical College, Lucknow

### Department of Psychological Medicine:

Child guidance in India — by Dr Q. D. Saha (Ind. Med. Res. awaiting publication).

### Department of Oral Surgery

Studies on the use of Ultra-Strength — by Dr A. K. Basu (Ind. Med. Res. awaiting publication).

### Department of Diseases of Chest

Domesticity Treatment in the Control of Tuberculosis in India — by Dr P. K. Sen (Transaction, All India Tuberculosis Conference, January 1967)

### Department of Biochemistry

RNA changes in insect neurons induced by penicillin — by Sm. Debjani Sarkar and Dr A. K. Maiti (Proc. Ind. Sc. Cong. 1966 III)

Neurotransmitters of the cerebral cortex under experimental excitation Symposium article — by Dr A. K. Maiti (Ind. Sc. Cong., 1967)



**Lectures Delivered by Foreign Visitors and Distinguished Professors and  
Eminent Medical men since inauguration of the  
University College of Medicine  
1958-60**

Name	Lectures delivered
Dr. B. C. Ray B.A. M.D. (C.) D.Sc. M.R.C.P. (Lond.) F.R.S. Eng. Govt. Minister Government of West Bengal.	Inauguration of the Basic Medical Sciences Course
Prof. Dr. Robert Schneider Director of the University Women's Cancer League, Essen, Germany	A critical survey of prevalence and incidence of Cancer with special reference to Cervix
Dr. N. R. Sengupta M.D. (Calcutta) M.S. (Eng.) Post-Graduate Physician of Calcutta.	Role of Medicine in Post-Graduate Medical Education
Dr. A. S. Maitra M.D. D.Sc. (Ind.) Principal and Professor of King George's Medical College, Lucknow, and Dean of the Faculty of Medicine, Lucknow University	Role of Pathology in Post-Graduate Medical Education
Dr. C. S. A. L. Maitra B.A. M.D. D.Sc. D.C. F.R.C.D. F.A.C.S. A. Chancellor Madras University and Eminent Obstetrician & Gynaecologist in India	Importance of Basic Medical Sciences in Post-Graduate Medical Education
Lady J. Pearson	Modern Trend of Chemotherapy in Cancer
Sir R. J. F. Johnson	Place of Radiotherapy in Cancer
Dr. R. M. K. Sengupta M.B. (Calcutta) D.Sc. F.R.C. Director Central Drug Research Institute Lucknow	Hormones of Pituitary gland with special reference to the Hormone of Para-thyroid
Dr. Stanley P. Bernhard Director of the Institute for Cancer Research at the Lucknow Hospital Research Institute, Lucknow	Causes of Cancer Chemistry of Cell Division Nuclear Translocation and Differentiation
Prof. Dr. E. H. J. Dorey University College London, Zurich and Secretary General International Paediatric Association.	Metabolic Disorders and Malnutrition
Prof. Alexander Sauer Director Medical and Nervous Clinic Wuppertal-Barmen and Professor of the University of Medicine Düsseldorf, West Germany	Thyroid gland and Vegetative Nervous system
Sir Henry Platt, M.D. (Vict.) M.S. (Lond.) F.R.C.S. Eng. F.R.C.S. Camb. F.A.C.S. Former President of the Royal College of Surgeons of England	Post-Graduate medical education and training of specialists
George L. Weed M.D. of the University of Chicago and Editor of 'Acta Cytologica'	Scope of exfoliative cytology in Obstetrics & Gynaecology

1960-61

Name	Lecture delivered
Prof T Caspermann Director Institute of Cell Research and Genetics Karolinska Institute Stockholm	Cytochemical studies of Tumour Cell Population
Prof E E Dunlop of Royal College of Surgeons, London.	Mouth and Throat Cancer
Prof Kraus Psychiatrist, University of Mainz Germany	The Direct Provocation of symptoms with Monoamineoxidase-inhibiting substances in the diagnosis and therapy of Schizophrenic Psychoses. Modern Trends in German Psychiatry. Factors conditioning mental abnormality in the modern world Pharmacopsychiatric Problems and Results in Endogenous Psychoses.

1961-62

Sir John Peel the Vice-president of the Royal College of Obstetricians and Gynaecologists and Professor of Obstetrics and Gynaecology of the University of London.	Factors in the Aetiology of Carcinoma of Uterus Cervix
Prof Rajwats President 10th International Congress of Rheumatology	Different Biological modes of action of non-steroidal anti-inflammatories
Dr. B. Mukherjee M.B. D.Sc. F.N.I. Director Central Drug Research Institute and President of the Indian Science Congress	Pharmacology of central Nervous System

1962-63

Dr. J. C. Gupta Ex Director & Professor School of Tropical Medicine	Pharmacology its evaluation as a basic science concept and its relationship to other medical discipline.
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1963-64

Dr. Mary Grove Professor of Paediatrics Birmingham	Endocrine Disorders and Juvenile Hypertension
Dr. B. Mukherjee M.B. D.Sc. F.N.I. Director Chittaranjan National Cancer Institute	Pharmacology its evaluation as a Basic Science its modern concept scope and its relationship to other medical disciplines.

1964-65

## Name

## Lecture delivered

- Prof. F. Miss. U. H. B. ...  
 The ...  
 Dr. S. N. S. ...  
 Cochin University & Vice-President Council  
 of the University College of Medicine  
 Dr. N. R. ...  
 Physiology of ...

1965-66

- Dr. P. K. K. ...  
 W. H. O., Geneva  
 Dr. M. ...  
 Physiology of ...

1966-68

1. ...  
 2. On the Phenomenology of the inter-  
 Dr. W. ...  
 Dr. B. ...  
 Dr. J. ...  
 Dr. K. D. ...

## Symposium

A symposium on "Rehabilitation of the Orthopaedically Disabled" was held at the Gandhi Hospital, the University College of Medicine. It was inaugurated by Sir M. Banerjee, the then Treasurer of the Cochin University and presided over by Dr. K. N. Sen, Dean, Faculty of Medicine. Dr. Leonard Haydon, President, International Society of Orthopaedic Surgeons, New York, acted as moderator. His presence and delivery participated in the symposium. Many distinguished Orthopaedic surgeons participated and highlighted the most recent problems of rehabilitation of orthopaedically disabled people in India who are now being studied under the V.R.A. Scheme in the Orthopaedic Department of the University College of Medicine with Dr. K. S. Das as the Chief Investigator.



Dr. Edmund Bartholomew, President of the American Association of Surgeons, standing at the bedside of a patient in the General Hospital, New York.

## Distinguished Visitors from abroad and India at the University College of Medicine

### At the Institute of Basic Medical Sciences

31. 1. 67	Dr. T. P. S. Chakrabarti Prof. and Head of the Department of Anatomy University of Calcutta, India
20. 5. 67	S. N. Sen Ex-Professor of Agri. Medical College, John Paul, Recm.
7. 10. 67	Prof. Dr. H. Tellenbach Psychiatry Clinic University Heidelberg
6. 11. 67	Leonard M. Libbar W. S. Medical Research London, England
11. 11. 67	Randell L. Thompson American Embassy New Delhi
13. 5. 68	Kirk T. Mosley Consultant Paediatric Surgeon F. of P. & S. London
7. 11. 68	John M. Moore World Rehabilitation Fund New York

### At the Goenka Hospital

4. 2. 68	M. S. Jensen Deputy Assistant Commissioner Office Research and Development N. I. H. Department of Health Education Washington
9. 9. 68	Carlton H. Harris President International Society of Rehabilitation of the Disabled New York
17. 9. 68	W. G. McGregor Institute of Obstetrics and Gynaecology University London
22. 9. 68	T. G. Williams TRV-EZE— Mfg. Co. Inc. Burbank California, U. S. A.
6. 11. 68	Dr. R. P. Singh Patna Medical College Dr. Kedar Prasad Saxena P. W. Medical College Patna Dr. J. Chandra As S. V. M. Medical College Kanpur
7. 11. 68	Richard R. Lester Civil Servant Social and Rehabilitation Service Joseph E. & Frank Associates Office—Research, Demonstration and Training Washington
13. 11. 68	Louis A. Finney Social Rehabilitation Service Texas, U. S. A.
30. 1. 69	P. N. Chaturvedi Director General of Health Services, Government of India.

## Achievements in International Sphere

1957-1960

1) Dr. Subodh Mitra, Vice-Principal, Council of the University College of Medicine and Head of the Department of Obstetrics & Gynaecology and Cancer Research, was elected, representative for Asian, the Secretary, International Committee for the International Federation of Gynaecology and Obstetrics.

2) Dr. P. K. Sen, Head of the Department of Diseases, Chest Diseases of the University College of Medicine, was elected as the Chairman of the Executive and International of the International Union against Tuberculosis, held Quarter at Paris, as Elected Chairman, including the following countries, the Tuberculosis Association of India, my Elected President for the conference of workers on Tuberculosis and Chest Diseases.

3) Dr. K. L. Sen, Head of the Department of Ophthalmology, University College of Medicine, was elected President of the XIX International Congress of Ophthalmology, scheduled to be held in New Dehra in 1961. In May 1960 he attended the meeting of the International Council of Ophthalmology at Paris. He acted as Chairman in September 1960 to Brussels to attend XXII International Congress of Ophthalmology as the representative of the All India Ophthalmological Society to the International Federation of Ophthalmological Societies and also read a paper.

1960-61

Dr. A. K. Basu, Head of the Department of Chest Surgery, University College of Medicine, was appointed an Examiner for the Dip. F.R.C.S. (Eng.) Examination and joined the Court of Examiners in London in August 1960.

Dr. B. N. Banerjee, Head of the Department of Dermatology, has been appointed a member of the Editorial Board of the *Excerpta Medica*, Amsterdam since 1960.

1961-62

Dr. K. L. Sen, Head of the Department of Ophthalmology, University College of Medicine, attended the Ophthalmological Congress at Oxford in the United Kingdom in July 1961 and the meetings of the International Council of Ophthalmology held at Oxford, England.

1962-63

Dr. P. K. Sen, Head of the Department of Chest Diseases, presided over the meeting of the Committee on "Domitory Ambulatory Treatment of Tuberculosis", International Union against Tuberculosis, Paris in September 1962.

Dr. B. N. Banerjee, Head of the Department of Dermatology has been appointed a member of the Editorial Advisory Board of *Dermatologica Internationalis*, an official organ of the International Society of Tropical Dermatology in 1963.





THE WEDDING OF MISS MARY ELIZABETH HARRIS AND MR. JAMES HARRIS, JR., AT THE HOME OF THE BRIDE, 1500 N. 10TH ST., SEATTLE, WASH., FEB. 14, 1914.



Dr. K. K. Kuratowski, Director General of Health Services, and Dr. S. S. Sen, Dean, Faculty of Medicine, visiting the Department of Surgery and General Hospital.

1963-64

Dr B. N. Banerjee, Head of the Department of Dermatology, was invited to preside over the Symposium on Leprosy and delivered a lecture on "Deficiency Dermatoses of the Skin in the Tropics" at the 1st International Congress of Tropical Dermatology held in Naples in June, 1964.

1964-65

Dr B. N. Banerjee, Head of the Department of Dermatology, who was awarded the 'Ghosh Travelling Fellowship' by the Calcutta University for the year 1962 visited many of the medical schools and hospitals in Italy, Switzerland, France, Germany, Austria, Holland, U. K., Israel and Egypt.

Dr C. L. Saha, Head of the Department of Physiological Medicine, visited Frankfurt, London, Vienna and Moscow during the months of May and June 1965. Dr Saha was elected a Fellow of the Royal College of Physicians, London.

1966-68

Dr P. K. Banerjee, Secretary (Senior) of the University College of Medicine attended the 3rd Asian Conference on Students Health organised by the World University Service in the month of April 1966 at Chaengmai, Thailand and presented a paper on "Calcutta University Students Health Service".

1966-67

Dr P. K. Banerjee participated in the Seminar in the Third World Medical Education Conference at Delhi.

1967-68

Dr K. S. Bose, Head of the Department of Orthopaedic Surgery, was invited by the British Council of Rehabilitation of the Disabled to present a paper on "Surgery of Leprosy Neuromas and their Rehabilitation" in the 1st International Seminar on Rehabilitation at Brighton, United Kingdom, in June 1967. July 1967, 1968.

He was also invited to act as Chairman of a session of free papers on Rheumatoid Arthritis at Congress of the South East Asia and Pacific Area League against Rheumatism in Bombay in February, 1968.

## Extra Mural Teachers who rendered their services in the University College of Medicine since its Inception

### Department of Anatomy

Name of the Teachers	Period of Service from the Session
1. Dr P Bose M.B. D.T.M. (Cal.)	1957-58—still continuing
2. Dr A Mukherjee M.Sc. M.B. (Cal.) D.T.M.	1957-58 to 1959-60 & 1965-66 to 1966-67.
3. Dr B N Bandy M.B. (Cal.)	1957-58 to 1959-60
4. Dr M L Pan M.B. L.R.C.P. F.R.C.S. (Edin.)	1957-58 to 1965-66 & 1966-67 to 1965-66
5. Dr N G Swamin M.B. (Cal.) F.R.C.S. (Edin.)	1957-58 to 1958-59
6. Dr B Mukherjee M.B. (Cal.) M.Sc. (Cal.)	1957-58 to 1960-61 and 1967- 68 to 1968-69
7. Dr K R Kumar M.B. (Cal.) F.R.C.S. (Edin.)	1957-58 to 1960-61
8. Dr T C Chakraborty M.B. (Cal.) F.R.C.S. (Edin.)	1957-58 to 1960-61
9. Dr G S Kar M.B. (Cal.) F.R.C.S. (Edin.)	1957-58 to 1960-61
10. Dr S Marx M.B. (Cal.)	1957-58 to 1960-61
11. Dr S K Hazra M.Sc. M.B. D.T.M. D.P.L. (Cal.) (Lond.)	1957-58 to 1960-61
12. Dr K Banerjee M.B. (Cal.) F.R.C.S. (Edin.)	1957-58 to 1960-61 and 1963-64 to 1965-1967
13. Dr P R Ray B.Sc. M.B. Ph.D. (St. Andrews)	1957-58 to 1960-61
14. Dr S Bagchi M.B. (Cal.)	1957-58
15. Dr B Sarker M.B. (Cal.) F.R.C.S.	1957-58
16. Dr S Lahiri M.B. (Cal.) F.R.C.S.	1960-61 to 1967-68 & 1968-69

### Department of Physiology

Name of the Teachers	Period of Service from the Session
1. Dr D P Sanyal M.Sc. F.M.S. Ph.D. (Manchester)	1957-58 to 1960-61
2. Dr M L Chakraborty M.Sc. M.B. (Cal.) Ph.D. (Lond.)	1957-58 to 1961-62
3. Dr M L Sanyal M.B. (Cal.) Ph.D. (Lond.)	1957-58 to 1960-61
4. Dr B P Ghose M.D. (Cal.)	1957-58 to 1960-61
5. Dr B B Roy M.B. (Cal.)	1957-58
6. Dr J B Chatterjee M.B. (Cal.) M.D. (Cal.) F.N.I.	1957-58
7. Dr A C Maitra M.Sc. F.P.S. (Cal.)	1957-58 to 1960-61
8. Dr C L Mukherjee M.B. (Cal.) M.D. (Cal.) F.R.C.S. F.P.S. (Cal.) Ph.D. (Lond.)	1957-58 to 1961-62
9. Dr J C Banerjee M.B. (Cal.) F.R.C.P. (Lond.)	1957-58 to 1961-62
10. Sri N M Bandy M.Sc. (Cal.) F.N.I.	1957-58 to 1960-61
11. Dr B. Roy M.Sc. M.B. (Cal.) D.P.L. (Cal.)	1961-62—still continuing
12. Dr R Ray M.D.	1961-62 to 1962-63
13. Dr S K Ghosh M.Sc., M.B. (Cal.)	1961-62 to 1962-63 and 1964- 65—still continuing
14. Dr D Raymaharaj B.Sc. M.B. (Cal.) Ph.D. (Lond.)	1961-62
15. Dr K Raycha M.B. Ph.D.	1961-62
16. Dr H Chakraborty M.D. (Cal.)	1961-62
17. Sri B Sarker M.Sc. (Cal.)	1961-62

18.	Dr. P. B. Sen, M.Sc., P.R.S.	1962-63
19.	Dr. H. Datta, M.B., D.P.H.	1963-64, 1964-65
20.	Dr. K. L. Mukherjee, M.B., D.P.H., Ph.D., W.D.S.	1964-65, 1965-66
21.	Dr. T. K. Saha, D.P.H.	1965-66, 1966-67
22.	Dr. B. K. Chakravarty, M.Sc., M.B.B.S., D.P.H., M.D. (Lock)	1966-67 to 1969-70
23.	Dr. A. Sinha, M.Sc., M.B.B.S.	1966-67 to 1967-68
24.	Dr. A. Sarkar, M.B.B.S., R.C.P. & R.S. (Edin.), F.R.C.S. (Edin.)	1967-68, still continuing
25.	Dr. C. C. Bhattacharya, M.Sc., M.B.B.S., D.P.H.	1968-69

### Department of Pharmacology

Name of the Teachers		Period of Service from the Session
1.	Dr. K. N. Sen, M.B., B.S., M.R.C.P. (D.P.H.) (deceased)	1952-53, 1953-54, 1954-55 still continuing
2.	Dr. M. L. Chatterjee, M.B., B.S., D.P.H.	1957-58, still continuing
3.	Dr. P. C. Aiyar, M.Sc., M.B., B.S.	1957-58, 1961-62
4.	Dr. M. N. Ghosh, M.B., B.S., D.P.H.	1958-59, 1960-61
5.	Dr. S. N. Sinha, M.B., B.S., D.P.H., M.D. (Lock)	1958-59, still continuing
6.	Dr. N. Choudhury, B.Sc., M.B., B.S.	1957-58, 1960-61
7.	Dr. B. Mukherjee, M.B., B.S.	1957-58, 1964-65
8.	Dr. P. K. Sengupta, B.Sc., M.B. (Cal.)	1957-58 to 1960-61
9.	Dr. P. K. Chakravarty, M.B., B.S., D.P.H. (Cal.) M.D. (Lock)	1957-58, still continuing
10.	Dr. N. K. Dasgupta, M.B., M.D. (Cal.)	1957-58 to 1964-65
11.	Dr. B. N. Ghosh, M.B.S., F.R.C.P.S. (Edin.)	1957-58
12.	Dr. B. Mukherjee, M.B., B.S., D.S., M.P.S. & N.I.	1957-58
13.	Dr. M. Chakravarty, B.Sc., M.B., B.S., D.P.H. (deceased)	1957-58
14.	Dr. S. B. Dasgupta, M.B., B.S., D.Phil.	1957-58 to 1960-61
15.	Dr. S. Lahiri, M.B., B.S., M.D. (Lock)	1958-59 to 1960-61, A 1962-63 —still continuing
16.	Dr. B. P. Mukherjee, M.B.B.S., D.P.R.M.S., M.S. M.D.	1961-62
17.	Dr. B. Bhattacharyya, M.D. (Cal.)	1961, 1962 and 1962-1963
18.	Dr. A. B. Bhattacharyya, M.B., D.P.H., D.P.H. (Cal.)	1961-62
19.	Dr. M. S. Ray, M.B.B.S., D.P.H.	1961-63, still continuing
20.	Dr. R. C. Majumdar, M.B.B.S., D.P.H.	1964-65
21.	Dr. R. B. Ghose, M.B.B.S., M.D., M.P.S., M.D. (Pharmacology & M.S.)	1965-66

### Department of Pathology including Bacteriology

Name of the Teachers		Period of Service from the Session
1.	Dr. B. K. Aker, M.B.B.S., B.Sc., M.D. (Edin.), Ph.D. (Lond.), D.P.H.	1955-56, 1956-59 and 1961-62 —still continuing
2.	Dr. S. N. Das, M.B., B.S., D.P.H., D.S.	1955-56, still continuing
3.	Dr. K. C. Basu, M.B., B.S., M.D. (Cal.), D.P.H. (Lond.)	1955-56, still continuing
4.	Dr. A. B. Ray, M.B., D.P.H.	1957-58
5.	Dr. C. R. Bhattacharya, M.B., B.S., M.D. (Lock)	1957-58 and 1959-60
6.	Dr. S. Mitra, M.B., B.S., M.D. (Cal.)	1958-59 to 1960-61

7	Dr D C Labrie, M B (Cal), DTM & H (Cal) (Manchester), Ph D (Lond)	1957-58
8	Dr A C Cresswell, M B (Cal), DTM & H (Cal)	1957-58 and 1961-62—still continuing
9	Dr J R Barker, M B (Cal), D Bact (Lond)	1957-58—still continuing
10	Dr D Barua, M B (Cal), M D (Lond)	1957-58 to 1961-62
11	Dr P N Bann, M B (Cal), DTM & H (Cal), D Bact (Manchester)	1957-58 to 1962-63
12	Dr D N Banupala, M B (Cal), D Bact (Lond)	1957-58—still continuing
13	Dr B C Banerjee, M B (Cal), DTM & H (Cal)	1957-58—still continuing
14	Dr T L Banerjee, M B (Cal), M D (Lond), DTM & H (Cal)	1957-58—still continuing
15	Dr B B Barua, M B (Cal)	1957-58
16	Dr B N Banerjee, M B (Cal), DTM & H (Cal)	1957-58
17	Dr A M Mukherjee, M B (Cal), DCP (Lond), DTM & H (Cal)	1957-58 to 1961-62
18	Dr R K Roy, M B (Cal)	1957-58
19	Dr R Dutta, M B (Cal), M B B S (Cal), M D (Lond)	1957-58 to 1961-62
20	Dr S Mondal, M B (Cal)	1957-58 to 1963-64
21	Dr K J Saha, M B (Cal)	1957-58 to 1961-62
22	Dr A K Saha, M B (Cal), M D (Lond)	1957-58 to 1961-62
23	Dr S N Saha, M B (Cal), DCP	1957-58 to 1961-62
24	Dr S C Dey, M B (Cal), DCP	1957-58 to 1961-62
25	Dr R K Saha, M B (Cal)	1957-58 to 1961-62
26	Dr P K Saha, M B (Cal)	1957-58 to 1961-62
27	Dr R K Saha, M B (Cal), DCP	1957-58 to 1961-62
28	Dr R K Saha, M B (Cal), DCP, DTM & H (Cal)	1957-58 to 1961-62
29	Dr S K Saha, M B (Cal), DCP, DTM & H (Cal)	1957-58 to 1961-62

### Department of Experimental Surgery

Name of the Professor		Period of Service from the Session
1	Dr M M Maitra, M B (Cal), M D (Lond), DCP (Lond)	1957-58 to 1961-62
2	Dr S L Maitra, M B (Cal), DCP (Lond)	1957-58 to 1961-62
3	Dr T B Maitra, M B (Cal)	1957-58 to 1961-62
4	Dr J K Saha, M B (Cal)	1957-58 to 1961-62
5	Dr B K Saha, M B (Cal)	1957-58 to 1961-62
6	Dr B K Saha, M B (Cal)	1957-58 to 1961-62
7	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
8	Dr H K Saha, M B (Cal)	1957-58 to 1961-62
9	Dr J K Saha, M B (Cal)	1957-58 to 1961-62
10	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
11	Dr A K Saha, M B (Cal)	1957-58 to 1961-62
12	Dr B K Saha, M B (Cal)	1957-58 to 1961-62
13	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
14	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
15	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
16	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
17	Dr S K Saha, M B (Cal)	1957-58 to 1961-62
18	Dr J K Saha, M B (Cal)	1957-58 to 1961-62



19	Dr S M ... M.D. (Cal.)	1902-03
20	Dr F L ... M.D. (Cal.)	1902-03
21	Dr R ... M.D. (Cal.)	1902-03
22	Dr S ... M.D. (Cal.)	1902-03
23	Dr S ... M.D. (Cal.)	1902-03
24	Dr P ... M.D. (Cal.)	1902-03
25	Dr P K ... M.D. (Cal.)	1902-03 to 1903-04

### Department of General Medicine

Name of Lecturers		Period of Service from the University
1	Dr R ... M.D. (Cal.)	1902-03
2	Dr A ... M.D. (Cal.)	1902-03
3	Dr N P K ... M.D. (Cal.)	1902-03
4	Dr S ... M.D. (Cal.)	1902-03
5	Dr J ... M.D. (Cal.)	1902-03
6	Dr S ... M.D. (Cal.)	1902-03
7	Dr T ... M.D. (Cal.)	1902-03
8	Dr T K ... M.D. (Cal.)	1902-03
9	Dr J ... M.D. (Cal.)	1902-03
10	Dr P ... M.D. (Cal.)	1902-03
11	Dr K D Chatterjee M.D. (Cal.)	1902-03
12	Dr S K ... M.D. (Cal.)	1902-03
13	Dr A K ... M.D. (Cal.)	1902-03
14	Dr C B ... M.D. (Cal.)	1902-03
15	Dr T ... M.D. (Cal.)	1902-03
16	Dr J ... M.D. (Cal.)	1902-03
17	Dr J ... M.D. (Cal.)	1902-03
18	Dr M ... M.D. (Cal.)	1902-03
19	Dr J ... M.D. (Cal.)	1902-03
20	Dr D P ... M.D. (Cal.)	1902-03
21	Dr A ... M.D. (Cal.)	1902-03
22	Dr F N ... M.D. (Cal.)	1902-03
23	Dr B M ... M.D. (Cal.)	1902-03
24	Dr J ... M.D. (Cal.)	1902-03
25	Dr S ... M.D. (Cal.)	1902-03
26	Dr S ... M.D. (Cal.)	1902-03
27	Dr M K ... M.D. (Cal.)	1902-03
28	Dr A K ... M.D. (Cal.)	1902-03
29	Dr H K ... M.D. (Cal.)	1902-03
30	Dr S ... M.D. (Cal.)	1902-03
31	Dr S ... M.D. (Cal.)	1902-03
32	Dr S ... M.D. (Cal.)	1902-03
33	Dr S ... M.D. (Cal.)	1902-03
34	Dr S ... M.D. (Cal.)	1902-03

35	Dr H K Paul MB MRCP (Lond)	1961-62
36	Dr J Chatterjee, MB FRCP	1961-62 and continuing
37	Dr L Ganguly MB, MRCP (Edin)	1961-62 and 1962-63
38	Dr L Banerjee MB T.D.D. (Wales), D.I.B.	1961-62
39	Dr D Chatterjee MB FRCS (Edin) MB Ch (Gen)	1961-62 and continuing
40	Dr H Chatterjee MB FRCS (Edin)	1961-62 and continuing
41	Dr A K Paul MB FRCS (Edin), F.R.C.S. (Lond), MRCP (Lond & Glas)	1961-62 and continuing
42	Dr B Bhattacharyya MB	1963-60
43	Dr A Raychaudhuri MB	1963-60
44	Dr S S. M. MB FRCS	1963-60
45	Dr T K Chatterjee MB FRCS (Edin)	1963-60 and continuing
46	Dr J Chatterjee MB FRCS (Edin)	1963-60 and continuing

### Department of General Surgery

Name of the Teachers		Period of Service from the Season
1	Dr A K Sen MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 and 1958-59
2	Dr S. Dutta MB FRCS (Edin), F.R.C.S. (Lond)	Do
3	Dr A L Sen MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 and continuing
4	Dr S M Chatterjee MB FRCS (Edin)	Do
5	Dr A Chatterjee MB FRCS (Edin)	1957-58 and 1958-59
6	Dr U Chatterjee MB (Cal), F.R.C.S. (Edin)	1957-58 to 1963-64
7	Dr K K Chatterjee MB FRCS (Edin)	1957-58 and continuing
8	Dr R Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	Do
9	Dr M Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	Do
10	Dr A Ray MB FRCS (Edin), F.R.C.S. (Lond)	Do
11	Dr A K Sen MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 to 1958-59 and from 1960-61 and continuing
12	Dr S Chatterjee MB (Cal)	1957-58
13	Dr S Chatterjee MB (Cal)	Do
14	Dr A K Paul MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 and continuing
15	Dr U Chatterjee MB FRCS (Edin)	1957-58 and 1958-59
16	Dr K P Das MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 to 1960-61
17	Dr S Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	1957-58
18	Dr S Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 and continuing
19	Dr S S. M. MB FRCS (Edin)	1957-58 to 1960-61
20	Dr M. A. Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 to 1958-59 and 1961-62 and 1963-64
21	Dr S K Dutta MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 to 1960-61
22	Dr B Chatterjee MB FRCS (Edin), F.R.C.S. (Lond)	1957-58 to 1958-59 and from 1960-61 and continuing

23	Dr D Roy, M.B., B.S., M.B. (Cal), F.R.C.S. (Eng)	1958-61
24	Dr H. Saha, M.B., F.R.C.S.	1960-61—still continuing
25	Dr R. Chakraborty, M.B., F.R.C.S.	1960-61 to 1966-67
26	Dr C. Banerjee, M.B.	1961-61
27	Dr R. Chatterjee, M.B., B.S., M.S. (Cal)	1961-61 to 1962-62
28	Dr K. S. Chatterjee, M.B., M.S. (Cal)	1962-62 to 1963-63
29	Dr A. Mukherjee, M.B., M.B.	1963-61—still continuing
30	Dr S. Chatterjee, M.B. (Cal), F.R.C.S. (Eng)	Do
31	Dr D. K. Sen, M.B., M.S. (Cal)	Do
32	Dr S. B. Chatterjee, M.B., F.R.C.S.	1963-61 to 1964-62, 1965-66 to 1966-67
33	Dr S. Sengupta, M.B., F.R.C.S. (Eng)	1964-65 to 1965-66
34	Dr H. Brown, M.B., M.B. (Cal)	1965-66 to 1966-67
35	Dr S. N. Banerjee, M.B. (Cal), F.R.C.S. (Eng)	1966-67 to 1967-68
36	Dr A. K. Das, M.B.	1967-68 to 1968-69 (from 1967-68 to 1968-69)
37	Dr B. Mukherjee, M.B., M.S.	1968-69 to 1969-70
38	Dr T. K. Chatterjee, M.B., M.S. (Cal)	1969-70 to 1970-71
39	Dr B. Roy, M.B., M.S. (Cal), F.R.C.S. (Eng)	Do
40	Dr B. Roy, M.B., F.R.C.S. (Eng)	1961-62 to 1962-63
41	Dr S. N. Roy, M.B., F.R.C.S. (Eng)	1963-64 to 1964-65
42	Dr A. R. Roy, M.B., F.R.C.S. (Eng)	1965-66 to 1966-67
43	Dr K. L. Sen, M.B., B.S., F.R.C.S. (Eng), F.R.C.S. (Edin)	1967-68
44	Dr B. B. Chatterjee, M.B., B.S., F.R.C.S. (Eng)	1967-68 to 1968-69
45	Dr M. L. Chatterjee, M.B., F.R.C.S. (Eng)	1968-69 to 1969-70
46	Dr M. A. Chatterjee, M.B., F.R.C.S. (Eng), F.R.C.S. (Edin)	1969-70 to 1970-71
47	Dr G. Chatterjee, M.B., B.S., F.R.C.S. (Eng)	1970-71 to 1971-72
48	Dr R. K. Sarkar, M.B., F.R.C.S. (Eng), F.R.C.S. (Edin)	1971-72 to 1972-73
49	Dr R. K. Kar, M.B., B.S., F.R.C.S. (Eng)	1972-73 to 1973-74
50	Dr B. B. Chatterjee, M.B., B.S., F.R.C.S. (Eng), F.R.C.S. (Edin)	1973-74 to 1974-75
51	Dr B. Chatterjee, M.B., B.S., M.S. (Cal), F.R.C.S. (Eng), F.R.C.S. (Edin), F.R.C.S. (Edin)	1974-75 to 1975-76

### Department of Obstetrics and Gynaecology

Name of the Teachers		Period of Service from the Session
1	Dr S. C. Bose, B.Sc., M.B. (Cal), F.R.C.S. (Edin), F.R.C.O.G.	1957-58 to 1960-61
2	Dr J. Chatterjee, M.B. (Cal), F.R.C.O.G.	1961-62
3	Dr H. N. Roy, M.B., B.S., F.R.C.O.G.	1962-63 to 1963-64
4	Dr D. L. Das, M.B. (Cal), F.R.C.S. (Eng), F.R.C.O.G.	1964-65 to 1965-66
5	Dr A. D. Chatterjee, M.B., B.S., M.B. (Cal), F.R.C.O.G.	1966-67 to 1967-68
6	Dr C. L. Mukherjee, M.B., M.D. (Cal), F.R.C.S. (Eng), F.R.C.O.G.	1968-69 to 1969-70
7	Dr P. C. Das, M.B., M.D. (Cal)	1970-71 to 1971-72
8	Dr K. N. M. Das, M.D. (Cal), F.R.C.S. (Eng), F.R.C.O.G.	1972-73 to 1973-74
9	Dr S. M. Das, M.B. (Cal), F.R.C.O.G.	1974-75 to 1975-76
10	Dr S. Sanyal, M.B. (Cal), M.B. (Cal), F.R.C.O.G.	1976-77 to 1977-78

11	Dr C. [unclear] MB (Cal) M.D. [unclear]	1957-58 state continuing
12	Dr B. [unclear] MB [unclear] M.D. [unclear]	Do
13	Dr T. K. [unclear] MB MRCP (Edin) L.M. D.O. (Dub.)	Do
14	Dr S. N. [unclear] M.O. (Cal)	1957-58 to 1959-60
15	Dr M. N. [unclear] M.D. [unclear] F.R.C.P. (Edin)	Do
16	Dr S. [unclear] MB [unclear]	1957-58
17	Dr U. N. [unclear] M.D. [unclear]	1957-58 to 1959-60
18	Dr A. K. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
19	Dr J. N. [unclear] MB [unclear] M.D. [unclear]	Do
20	Dr D. [unclear] M.D. [unclear]	1957-58 state continuing
21	Dr P. [unclear] MB B.S. (Cal)	1957-58 to 1959-60
22	Dr S. [unclear] MB [unclear] M.D. [unclear]	1957-58 state continuing
23	Dr L. [unclear] MB [unclear] M.D. [unclear]	1957-58 state continuing
24	Dr N. [unclear] MB MB M.D. M.D. [unclear]	1957-58 state continuing
25	Dr T. [unclear] MB [unclear] M.D. [unclear]	1957-58 state continuing
26	Dr N. [unclear] M.D. [unclear]	1957-58
27	Dr J. [unclear] M.D. [unclear]	1957-58 state continuing
28	Dr S. [unclear] MB [unclear] M.D. [unclear]	1957-58 state continuing
29	Dr A. K. [unclear] MB M.D. [unclear]	1957-58 state continuing
30	Dr H. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60 and 1960-61 57-58 continuing
31	Dr P. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
32	Dr S. [unclear] M.D. [unclear]	1957-58
33	Dr A. [unclear] MB M.D. [unclear]	1957-58 to 1959-60 and 1960-61 57-58 continuing
34	Dr P. [unclear] M.D. [unclear] M.D. [unclear]	1957-58 to 1959-60
35	Dr M. [unclear] MB [unclear] M.D. [unclear]	1957-58
36	Dr M. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
37	Dr B. [unclear] MB D.O. M.D. [unclear]	1957-58
38	Dr J. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
39	Dr S. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60 and 1960-61 1957-58
40	Dr S. K. [unclear] MB B.S. M.D. M.D. [unclear]	1957-58 state continuing
41	Dr N. G. [unclear] MB D.O. M.D. M.D. [unclear]	1957-58 state continuing
42	Dr G. N. [unclear] MB [unclear] M.D. [unclear]	1957-58 state continuing
43	Dr N. [unclear] MB B.S. D.O. M.D. [unclear]	1957-58

### Department of Dermatology

#### Name of the Teachers

#### Period of Service from 1957-58 onwards

1	Dr K. D. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60 and 1960-61 1957-58 to 1959-60
2	Dr A. K. [unclear] MB DTM M.D. [unclear]	1957-58 to 1959-60
3	Dr B. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
4	Dr A. [unclear] MB [unclear] M.D. [unclear]	1957-58 to 1959-60
5	Dr T. D. [unclear] MB M.D. [unclear]	1957-58 state continuing

6.	Dr. N. N. Mukherjee, M.B.B.S.	..	1958-59 to 1959-60
7.	Dr. N. B. Gupta, M.B., D.T.M. & H. (Lond.)	..	1959-61 to 1962-63
8.	Dr. N. M. Mukherjee, M.B., D.P.H., D.T.M.	..	1959-61
9.	Dr. S. Ghosh, M.B., D.T.M., D.Bact. (Lond.)	..	1959-61—still continuing
10.	Dr. B. P. Ghosh, M.Sc. (Cal.), Ph.D. (Wisc.), U.S.A.	..	1958-59—still continuing
11.	Dr. S. N. Roy, M.Sc., M.B.	..	1961-62 to 1965-66
12.	Dr. S. K. Ghosh, M.B., D.T.M. & H., D.Dermat.	..	1961-62 to 1962-63
13.	Dr. R. C. Mitra, M.B., D.T.M., D.Dermat.	..	1962-63 and 1965-66—still continuing
14.	Dr. A. K. Datta, M.B., D.T.M. & H., D.Dermat., D.Phil.	..	1962-63 and 1966-67—still continuing
15.	Dr. S. K. Panja, M.B.B.S. (Cal.), M.R.C.P. (Edin.)	..	1965-66—still continuing
16.	Dr. A. K. Banerjee, M.B.B.S., D.T.M., D.Phil.	..	1967-68—still continuing
17.	Dr. A. Mukherjee, M.B.B.S., M.S. (Cal.)	..	1967-68—still continuing
18.	Dr. S. Kundu, M.B.B.S., D.T.M. & H.	..	1964-65

### Department of Radiology and Radiotherapeutics

Name of the Teachers		Period of Service from the Session
1.	Dr. N. M. Banerjee, M.B., D.M.B. (Lond.)	.. 1958-59—still continuing
2.	Dr. N. B. Roy, M.B., D.M.R.T., R.C.P. & S. (Eng.)	.. 1958-59 to 1964-65
3.	Dr. B. K. Dey, B.Sc., M.B., D.M.R.D., R.C.P. & S.	.. 1958-59—still continuing
4.	Dr. K. S. Banerjee, B.Sc., M.B., D.M.R.D. (Liverpool)	.. 1958-59 to 1961-62 and 1966-67—still continuing
5.	Dr. P. Brahma, M.B., D.M.R.D., R.C.P. & S. (Eng.)	.. 1958-59—still continuing
6.	Dr. B. Roy, M.B., D.M.R.T. (Liverpool), D.M.R.D. (Lond.)	.. 1958-59 to 1961-62 and 1965-66—still continuing
7.	Dr. A. Roy, M.B., D.M.R.D., R.C.P. & S. (Eng.)	.. 1958-59—still continuing
8.	Maj. G. Mukherjee, M.B., D.M.R.D. (Lond.)	.. 1958-59—1967-68
9.	Dr. S. Bose, M.B., D.M.R.D., R.C.P. & S. (Eng.)	.. 1958-59—still continuing
10.	Miss A. Basu, M.Sc.,	.. 1958-59—still continuing
11.	Dr. D. Sarkar, M.B., D.M.R.D., R.C.P. & S. (Eng.)	.. 1958-59 to 1961-62 and 1964-65—still continuing
12.	Dr. N. Neogy, M.B. (Cal.), D.M.R.T. (Lond.)	.. 1958-59 to 1961-62
13.	Dr. M. Mitra, M.B., D.M.R.D. (Edin.)	.. 1958-59 to 1960-61 and 1963-64—still continuing
14.	Maj. S. Basu, M.B., D.M.R. (Lond.)	.. 1958-59—still continuing
15.	Sri K. Bhattacharyya, M.Sc.	.. 1958-59—still continuing
16.	Sri A. Bose, B.Sc., A.Inst.P.	.. 1958-59—still continuing
17.	Dr. S. Banerjee, M.B. (Cal.), D.Phys. (Med.) (Lond.)	.. 1958-59 to 1961-62
18.	Dr. S. Chatterjee, M.B., D.M.R.T. (Lond.)	.. 1960-61 to 1963-64 and 1965-66—still continuing
19.	Dr. A. Bose, M.B., D.M.R.T., R.C.P. & S. (Eng.)	.. 1961-62
20.	Sri K. D. Banerjee, M.Sc. (Cal.)	.. 1960-61 to 1963-62
21.	Sri S. P. Ganguly, M.B. (Cal.), D.M.R.D., R.C.P. & S. (Eng.)	.. 1961-62
22.	Dr. (Mrs.) E. Mukherjee, M.B. (Cal.), D.M.R.T., R.C.P. & S. (Eng.)	.. 1961-62
23.	Dr. A. Mukherjee, M.B. (Cal.), D.M.R.D., R.C.P. & S. (Eng.)	.. 1961-62 to 1968-69
24.	Dr. S. Sarkar, M.B. (Cal.), D.Phys. (Med.) (Lond.)	.. 1961-62 to 1964-65
25.	Dr. B. Roy, D.M.R.D. (Lond.), D.M.R.T. (Eng.)	.. 1961-62



26.	Dr. M. Parkayastha, M.B. (Cal.), D.M.R.T., R.C.P. & S. (Eng.)	1961-62—still continuing
27.	Dr. S. K. Sarkar, M.B.B.S., D.T.M., D.P.H. (Cal.), D.Phys. (Med.), R.C.P. & S. (Eng.)	1962-63 to 1963-64
28.	Sri A. Chandhuri, B.Sc.	.. 1961-62 and 1964-65
29.	Dr. S. Ghosh, M.Sc., D.Phil.	.. 1965-69

### Department of Cardiology

Name of the Teachers		Period of Service from the Session.
1.	Dr. D. P. Basu, M.B. (Cal.), Ph.D. (Edin.), M.R.C.P. (Edin.)	1960-61—still continuing
2.	Dr. S. K. Banerjee, M.B., Ph.D. (Lond.)	.. 1960-61
3.	Dr. S. Kr. Sen, M.B., M.R.C.P. (Edin.)	.. 1960-61—still continuing
4.	Dr. M. K. Chhoti, M.B. (Cal.), M.D. (Cal.), M.R.C.P. (Lond.)	1960-61—still continuing
5.	Dr. R. N. Chatterjee, M.D. (Cal.)	.. 1960-61—still continuing
6.	Dr. G. S. Koral, M.B. (Cal.), F.R.C.S. (Eng.)	.. 1960-61—still continuing
7.	Dr. A. B. Mukherjee, M.B., D.T.M. (Cal.), M.R.C.P. (Lond.)	1960-61—still continuing
8.	Dr. A. K. Bose, M.Sc., M.B., M.R.C.P. (Lond.)	.. 1961-62 to 1962-63
9.	Dr. A. Sen, M.B., Ph.D.	.. 1964-65 to 1967-68
10.	Dr. H. Mitra, M.B.B.S., Dip. Card.	.. 1965-66 to 1966-67

### Department of Psychological Medicine

Name of the Teachers		Period of Service from the Session.
1.	Dr. S. C. Mitra, M.A., Ph.D. (Lond.)	.. 1960-61 and 1961-62
2.	Dr. T. C. Sinha, D.Sc. (Cal.)	.. 1960-61 to 1962-63
3.	Dr. A. K. Deb, M.Sc., M.B. (Cal.), D.P.M. (Lond.)	.. 1960-61—still continuing
4.	Dr. J. B. Mukherjee, M.B. (Cal.), D.P.M. (Lond.)	.. 1960-61—still continuing
5.	Dr. D. N. Nandy, M.Sc., M.B. (Cal.), D.Phil., D.P.M., M.R.C.P.	1960-61—still continuing
6.	Dr. C. C. Saha, M.Sc., M.B., D.T.M. (Cal.), F.R.C.P. (Lond. & Glas.)	1960-61 to 1962-63
7.	Dr. N. N. Chatterjee, M.Sc. (Cal.), M.B.B.S. (Camb.)	.. 1960-61 to 1967-68
8.	Dr. S. Mukherjee, M.Sc., Ph.D.	.. 1960-61
9.	Dr. R. C. Das, M.A., Ph.D.	.. 1960-61 to 1962-63
10.	Dr. A. K. Roychandhary, M.Sc., M.B.B.S.	.. 1961-62—still continuing
11.	Dr. S. N. Banerjee, M.B. (Cal.), D.P.H. (Lond.)	.. 1961-62 to 1967-68
12.	Dr. J. Roy, M.B. (Cal.), D.P.M. (Lond.)	.. 1961-62 to 1962-63
13.	Dr. P. K. Roy, M.B., M.R.C.P., D.P.M.	.. 1962-63—still continuing
14.	Dr. (Mrs.) A. Chakravarty, M.B., M.R.C.P., D.P.M. (Lond.)	1962-63—still continuing
15.	Dr. S. K. Roy, M.B.	.. Do.
16.	Dr. K. C. Mukherjee, M.A., P.R.S., F.D.I., F.A.S.	.. 1962-63
17.	Dr. J. N. Mallik, M.Sc., M.B.B.S.	.. 1963-64—still continuing



### Department of Diseases of Ear, Nose and Throat

Name of the Teachers	Period of Service from the Session
1. Dr. S. K. Sengupta, M.B., D.L.O.	.. 1962-63 to 1965-66
2. Dr. S. Chatterjee, M.B. (Cal.), D.L.O. (Lond.)	.. 1962-63
3. Dr. N. Banerjee, M.B., F.R.C.S., D.L.O.	.. 1962-63 to 1965-67
4. Dr. B. K. Sengupta, M.B., D.L.O.	.. 1962-63—still continuing.
5. Dr. N. Dutta, M.B., F.R.C.S., D.L.O.	.. 1962-63 to 1968-69
6. Dr. H. Hazra, M.B., F.R.C.S., D.L.O.	.. 1962-63—still continuing.
7. Dr. P. K. Khasnobis, M.B., D.L.O., R.C.P. & S. (Eng.)	1962-63—still continuing.
8. Dr. N. R. Sarkar, M.B., D.L.O.	.. 1962-63
9. Dr. A. Roy, M.B.B.S., D.L.O., F.R.C.S. (Edin.)	.. 1962-63—still continuing.
10. Dr. M. Sen, M.B.B.S., D.L.O., R.C.P. & S. (Eng.)	1962-63 and 1967-68—still continuing.
11. Dr. S. Banerjee, M.B.B.S., M.S. (Cal.)	.. 1965-66—still continuing.
12. Dr. S. K. Ghosh, M.B.B.S., D.L.O. (Lond.), F.R.C.S. (Edin.)	1966-67
13. Maj. K. K. Ghosh, M.B., F.R.C.S., D.L.O.	.. 1967-68

### Department of Anaesthesiology

Name of the Teachers	Period of Service from the Session
1. Dr. S. K. Chatterjee, M.B., F.A.C.A.	.. 1963-64—still continuing.
2. Dr. J. C. Banerjee, M.B.	.. 1963-64 to 1967-68
3. Dr. J. R. Mitra, M.B., D.Phil.	.. 1963-64—still continuing.
4. Dr. A. K. Bose, M.B.B.S., F.F.A.R.C.S. (Eng.)	.. 1963-64—still continuing.
5. Dr. S. Pramanik, M.B.B.S., F.F.A.R.C.S. (Eng.)	.. 1963-64—still continuing.
6. Dr. (Mrs.) A. Banerjee, M.B.B.S., F.F.A.R.C.S.	.. 1963-64—still continuing.
7. Dr. G. Seal, M.B.B.S., D.A.	.. 1965-66—still continuing.
8. Dr. K. Dutta, M.B.B.S., D.A.	.. 1965-66—still continuing.
9. Dr. S. P. Roy, M.B.B.S., D.A.	.. 1965-66—still continuing.
10. Dr. B. Guha, M.B.B.S., D.A.	.. 1966-67—still continuing.
11. Dr. D. N. Ganguly, M.B.B.S., D.A.	.. 1968-69
12. Dr. N. Bose, M.B.B.S., D.A.	.. 1968-69

### Department of Ophthalmology

Name of the Teachers	Period of Service from the Session
1. Dr. P. N. Chaudhary, M.B., D.O.M.S. (Lond.), D.O. (Oxon.), F.R.C.S. (Edin.)	1965-66—still continuing.
2. Dr. B. K. Mitra, M.B., D.O.M.S. (Cal.)	.. do
3. Dr. U. S. Roy, M.B.B.S., D.O.M.S., D.O., F.R.C.S.	.. do
4. Dr. K. D. Saha, M.B., D.O. (Oxon.), D.O.M.S. (Lond.)	.. do
5. Dr. C. K. Goswami, M.B.B.S.	.. do
6. Dr. G. N. Mukherjee, M.B.B.S., D.O.M.S.	.. do
7. Dr. B. M. Chatterjee, M.B.B.S., D.O.M.S., D.O. (Lond.), F.R.C.S. (Edin. & Eng.)	.. do
8. Maj. S. N. Sen, M.B.B.S., D.O.M.S. (Lond.), F.I.C.S.	.. do
9. Dr. G. C. Sen, M.B.B.S., D.O.M.S.	.. do
10. Dr. P. M. Chaudhary, M.B.B.S., D.O.M.S. (Lond.), F.R.C.S. (Eng.)	.. do

11.	Dr. G. C. Banerjee, M.B.B.S., D.O. (Oxon.), D.O.M.S. (Lond.)	1965-66—still continuing.
12.	Dr. P. C. Ghosh, M.B.B.S., D.O.M.S. (Lond.)	do
13.	Dr. R. Mukherjee, M.B.B.S., D.O.M.S., M.S. (Luck.)	do
14.	Dr. N. M. Bose, M.B.B.S., D.O.M.S. (Lond.), F.R.C.S. (Edin.)	do
15.	Dr. M. Sengupta, M.B.B.S., D.O.M.S. (Lond.)	do
16.	Dr. B. Palchoudhury, M.B.B.S., D.O.M.S., M.S.	1967-68—still continuing.
17.	Dr. S. K. Biswas, M.B.B.S., D.O.M.S., D.O., F.R.C.S. (Edin. & Eng.)	1968-69
18.	Dr. P. R. Mondal, M.B.B.S., D.O.M.S., F.R.C.S. (Edin.)	1968-69
19.	Dr. A. K. Mukherjee, M.B.B.S., D.O.M.S. (Cal.)	1968-69
20.	Dr. P. K. Gaba, M.B.B.S., D.O.M.S. (Lond.), F.S.M.F.	1968-69

### Department of Venereology

Name of the Teachers		Period of Service from the Session
1.	Dr. P. N. Khan, M.B., D.T.M., M.R.C.P.	1963-64—still continuing.
2.	Dr. N. Bhattacharyya, M.B.	1964-65—still continuing.
3.	Dr. N. K. Roy, M.B.	1964-65 to 1965-66
4.	Dr. A. K. Datta, M.B.B.S., D.V. (Med.)	1965-66 to 1967-68
5.	Dr. B. Mitra, M.B.B.S., D.V.	1966-67 to 1967-68
6.	Dr. R. Ghosh, M.B.B.S., D.V.	1966-67 to 1967-68
7.	Dr. J. Majumdar, M.B.B.S., D.V., D. Dermat.	1967-68—still continuing